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DEVELOPMENT OF MAINTENANCE METRICS TO FORECAST

RESOURCE DEMANDS OF WEAPON SYSTEMS

(PARAMETER PRIORITIZATION)

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This report describes the method and results of the fifth of eight tasks to "Develop Maintenance METRICS To Forecast Resource Demands of Weapon Systems". The purpose of this task was to analyze the data collected in tasks 1 through 1 to detect, test, and rank relationships between the study parameters and maintenance demand rates. The significant results of the parameter prioritization task were:				

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- a) identification, regression analysis, and ranking of 454 significant relationships involving 30 aircraft subsystems maintenance action demand as a function of various equipment, operational, and environmental parameters collected during the preceding tasks. These relationships form the basis for developing maintenance metrics for each aircraft subsystem studied.
- b) identification, regression analysis, and ranking of 394 other significant relationships involving equipment maintenance action demand as a function of general base maintenance parameters and general aircraft characteristics parameters.
- c) identification, regression analysis, and ranking of 1561 significant relationships involving other maintenance resource demand parameters (maintenance manhours, equipment removals, ground/air aborts, and equipment cannibalization) as functions of various equipment, operational, environmental, maintenance, and aircraft parameters.

This document is the second of a series of five Boeing Technical Reports generating from this study, namely:

D194-10089-1 Development of Maintenance METRICS To Forecast Resource Demands of Weapon Systems (Phase I - Analysis and Evaluation)

D194-10089-2 Development of Maintenance METRICS To Forecast Resource Demands of Weapon Systems (Parameter Prioritization)

D194-10089-3 Development of Maintenance METRICS To Forecast Resource Demands of Weapon Systems (Maintenance Metrics and Weightings)

D194-10089-4 Development of Maintenance METRICS To Forecast Resource Demands of Weapon Systems (Analysis and Results of Metrics and Weightings)

D194-10089-5 Development of Maintenance METRICS To Forecast
(AFHRL-TR-) Resource Demands of Weapon Systems (METRICS Final Report)

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SUMMARY

This report describes the results of the fifth task of an eight task study. The total effort is intended to develop more accurate metrics and weightings to be incorporated into the Air Force method (Logistics Composite Model (LCOM)) for determining manpower and other resource requirements for operational and developing weapon systems.

PROBLEM

The increased concern with the manpower required to support weapon systems currently in operation, as well as those in development has created the need for more accurate methods of projecting maintenance requirements. Meeting this need requires the development of realistic measures of maintenance rates for all of the diverse hardware that makes up a weapon system. In addition, the impact of operations and environmental conditions needs to be identified to insure the sensitivity of the maintenance metrics that are developed.

To date, the manpower and other resource requirements essential to the Operations and Support of a weapon system have been determined using the traditional "flying hours" and "sortie rate" measures. The deficiencies of these traditional measures are well known and such measures frequently are found to be totally irrelevant; for example, many avionics items operate or are cycled greatly in excess of the related flying hours. These traditional measures are also insensitive to variations in operations and environmental conditions. The present difficulties then lie in the fact that the currently used metrics do not consider the inherent differences between the individual subsystems of a weapon system and are relatively insensitive to operational and environmental conditions.

APPROACH

The approach taken for this portion of the study effort was to organize and analyze the field experience data accumulated during the first four tasks in order to detect, test, and rank relationships between the study parameters and maintenance resource demand rates for each equipment type included in the study. The data base gathered from various maintenance management information systems and on-site visits to operational units was categorized, quantified where necessary, normalized, and tabulated in numerical data sets suitable for computeraided cross-plotting and simple regression analysis. Cross-plotting regression analysis were then performed for each study parameter/maintenance resource demand combination in the data set for each equipment type. The resulting output was then screened for significant relationships between maintenance resource demand

parameters and equipment, operational, environmental, maintenance, and aircraft general characteristic parameters. These resulting Maintenance Impact Estimating Relationships (MIER's) were classified by equipment type and maintenance resource demand type, and ranked according to strength of relationship.

The MIER's thus detected which relate maintenance action demand to equipment, operational, and environmental parameters were used as the basis for developing improved LCOM maintenance metrics and weightings for follow-on Tasks 6 and 7.

The resulting MIER's relating other maintenance resource demand reates (maintenance manhours, equipment removals, ground/air aborts, and equipment cannibalization) to the various study parameters were cataloged for future use in related research and follow-on studies.

RESULTS

Quantification, computer-aided analysis, screening, and ranking of the input field experience data resulted in the detection of 848 significant Maintenance Action Demand MIER's which were used to develop the Maintenance Metrics and Weightings models for each equipment type during the course of Tasks 6 and 7.

Phase I and Phase II work for Task 5 also resulted in the detection of 1561 other MIER's which were retained and cataloged to furnish data for future Air Force research.

PREFACE

This report was prepared by the Boeing Aerospace Company Product Support/Experience Analysis Center (PS/EAC), Seattle, Washington, under USAF Contract F33615-77-C-0075. This contract was initiated under Exploratory Development Area PMS 77-43 (1124). Work was accomplished under the direction of the Advanced Systems Division of the Air Force Human Resources Laboratory, Air Force Systems Command with Mr. Frank Maher as the Work Unit Scientist and Air Force Contract Monitor.

Data emanating from this contract, "Development of Maintenance METRICS To Forecast Resource Demands of Weapon Systems," are reported in a series of five Technical Reports. Phase I of the study provided the identification of aircraft avionic and engine maintenance resource demands which were used to develop more accurate metrics and weightings for incorporation into the Air Force Logistics Composite Model (LCOM). Phase II identified demands for 18 other aircraft subsystems.

Experience Analysis Center program technical leader was George R. Herrold. Principal program analysts were Donald K. Hindes, Gary A. Walker, and David H. Wilson. Boeing's contract report number is D194-10089-2. This approved technical report (TR) includes work performed from 1 August 1978 through 15 October 1979.

The Boeing Aerospace Company wishes to express their appreciation for the technical assistance and data provided by: a) AFLC Headquarters, Aeronautical Systems Division, and Air Force Maintenance and Supply Management Engineering Team, Wright-Patterson AFB, Ohio, b) Air Weather Service (MAC) Environmental Technical Applications Center and Military Airlift Command Headquarters, Scott AFB, Ill., c) Air Force Europe Headquarters, Ramstein AB, Germany, d) Air Training Command Headquarters, Randolph AFB, Texas, e) Strategic Air Command Headquarters, Offutt AFB, Nebraska, f) Tactical Air Command Headquarters, Langley AFB, Virginia, g) 12th FTW, Randolph AFB, Texas, h) 36th TFW, Bitburg AB, Germany, i) 58th TTW, Luke AFB, Arizona, j) 60th MAW, Travis AFB, California, k) 92nd BMW, Fairchild AFB, Washington, 1) 35th TFW, Myrtle Beach AFB, South Carolina, m) 355th TFW, Davis-Monthan AFB, Arizona, and n) 380th BMW, Plattsburgh AFB, New York.

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I - INTRODUCTION

PURPOSE AND SCOPE

This report is the second of five reports to be completed under the Maintenance Metrics study. It describes the work accomplished during Phase I and Phase II for Task V as displayed in Figure 1 and enumerated below. Tasks I through IV were documented in the first report in this series, D194-10089-1. Tasks VI, VII, and VIII are documented in study reports D194-10089-3 and D194-10089-4.

The significant results obtained in this task form the basis for accomplishment of Tasks VI and VII and also provide source data for related future research.

The following is a brief overview of the eight tasks developed for this study as shown in Figure 1.

PHASE I - AVIONICS AND ENGINES SUBSYSTEMS

- TASK I Identify, Obtain, and Review Related Publications review related studies and research dealing with maintenance rates and causes.
- TASK II Select Equipment
 develop matrices of equipment by aircraft
 type in order to select specific hardware for
 30 subsystems common to the seven aircraft
 selected for study.
- TASK III Identify Parameters
 identify maintenance, hardware, operational,
 environmental, and aircraft general parameters
 which would have an impact on maintenance for
 the subject subsystems.
- TASK IV Identify and Integrate Data Sources
 identify, assemble, correlate, and integrate
 the data base on the equipment selected in
 Task II for the related parameters being
 considered in Task III.
- TASK V Analyzing and Prioritizing Parameters
 prioritize the collected data to define
 and test relationships between the study
 parameters and maintenance demand rates.

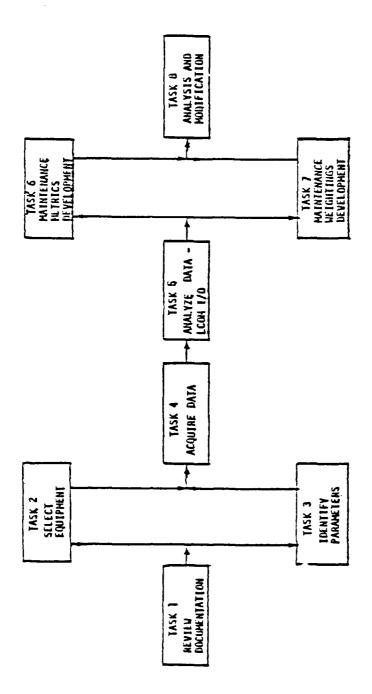


FIGURE 1 STUDY TASKS FLOW DIAGRAM

TASK VI Maintenance Metrics Development

- develop metrics quantifying maintenance demand rates which are computable with LCOM models.

TASK VII Maintenance Weightings Development

- develop weightings, quantifying identified impacts upon maintenance demand rates.

TASK VIII Analysis and Modification

 analyze LCOM model outputs with current and the newly developed metrics and weightings.

2. BACKGROUND

To date, the manpower and other resource requirements essential to the Operations and Support (0&S) of a weapon system have been determined using the traditional "flying hours" and "sortie rate" measures. The deficiencies of these traditional measures are well known and such measures frequently are found to be totally irrelevant (e.g., maintenance on a gun subsystem is generated by factors like the number of rounds fired, and is not affected by the number of flying hours or sorties). These traditional measures are also insensitive to variations in operations and environmental conditions (for example, many avionics equipments may operate or are cycled on the ground greatly in excess of related flying hours or number of sorties). The present difficulties then lie in the fact that the currently used metrics do not consider the inherent differences between the individual subsystems of a weapon system and are relatively insensitive to operational and environmental conditions.

The objective of this research is to determine the maintenance, hardware, operations, environmental and aircraft general parameters which are necessary and sufficient to identify the drivers of maintenance demands for a weapon system, and to develop more accurate metrics and weightings to be incorporated into the Air Force Method (Logistics Composite Model (LCOM)) for determining manpower and other resource requirements for operational and developing weapon systems. This simulation technology has been documented in References 1 through 9.

SUMMARY

The data base provided by Tasks I through IV incorporated field experience data by equipment type on Maintenance Resource Demand rates, Equipment characteristics, Operational characteristics, Environmental parameters, Maintenance characteristics, and General Aircraft characteristics. This task integrated and quantified the above data base in a form compatible with the computer-aided detection, analysis, test, and ranking of significant relationships of maintenance resource

demands as functions of the various other data base parameters. The resulting output of this analysis forms a catalog of significant Maintenance Impact Estimating Relationships (MIER) for each aircraft subsystem type examined. A total of 848 Maintenance Action Demand MIER's survived the selection process and were used as the basic source data for development of the LCOM Maintenance Metrics and Weighting models during Tasks VI and VII. A total of 1561 other significant MIER's involving other maintenance resource demands (maintenance manhours, equipment removals, air/ground aborts, and equipment cannibalization) were identified and cataloged for future research purposes.

INTRODUCTION

Task V of the study was to perform an analysis of the field experience data base accumulated by the first four study taks. The objective of the analysis was the detection, testing and ranking of possible statistically useful causal relationships between the candidate maintenance impact parameters selected in Task III and maintenance resource demand variables. If new strong relationships were detected for each equipment type studied, then these basic two variable parametrics could be used to build composite maintenance demand models (Maintenance Metrics) during the course of Tasks VI and VII.

Phase I and Phase II work and accomplishments on Task V covering the contract period of 1 August 1978 to 15 October 1979 are reported in this interim document.

The general Task V approach divided the analysis into six subtasks as shown in Figure 2. The preparation and execution of these subtasks are discussed in the following paragraphs. Note that the analysis as performed and described does not exactly conform to the general approach delineated in Figure 2. This approach was deliberately intended as a generalized step-by-step outline of the methodology involved so that other investigators can duplicate and/or expand the research using widely available computerized statistical packages such as "SPSS" (Reference 10), and "STATPK" (Reference 11). The analysis as performed by Boeing Experience Analysis Center utilized a locally developed computer program, "PKING," which automatically combined subtasks 5.1, 5.3, and 5.4 in order to facilitate and speed up the parametric relationship detection and testing process. Utilizing this local program allowed a maximum number of 26,460 variable combinations to be tested within the allotted effort.

2. INPUT DATA PREPARATION

Before maintenance resource demand/maintenance impact parameter variable combination testing and screening could proceed, the packages of data and information gathered in Task IV were classified, quantified and/or normalized where necessary, and tabulated in numerical data sets suitable for computer-aided cross-plotting and simple regression analysis. Figure 3 depicts the preliminary input data processing. Dummy variables were created and scaled where necessary to quantify qualitative data. Quantitative data were normalized or averaged where necessary. Independent and dependent trial regression variables were

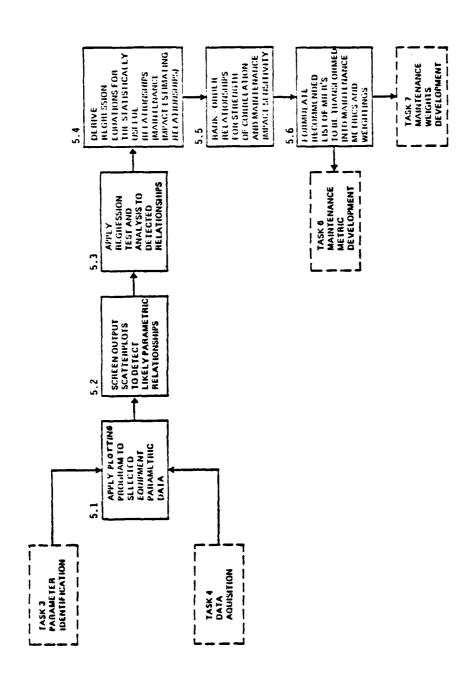


FIGURE 2 TASK V PROCESS FLOW

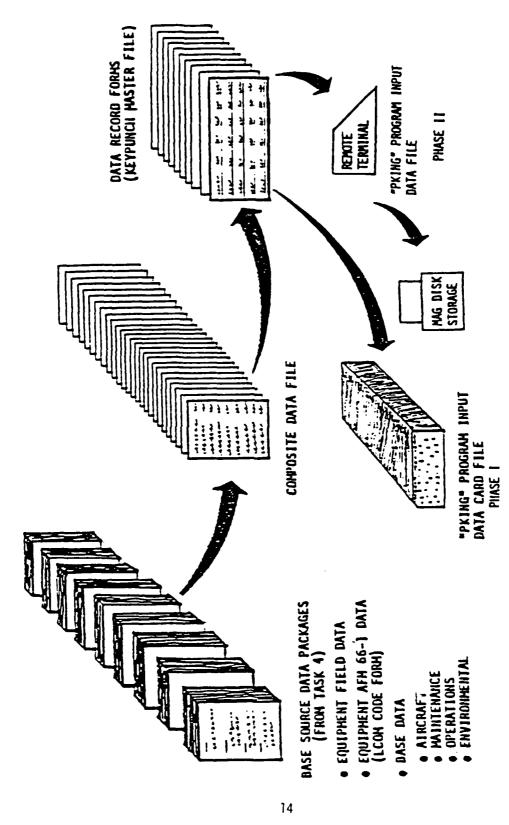


FIGURE 3 TASK V PRELIMINARY INPUT DATA PROCESSING

selected. As shown in Figure 3, the individual data packages for the items in each functional equipment group (subsystem) selected in Task II were integrated into a composite data package for each group. Subsystem equipment groups were functionally normalized across all sample aircraft from Task II and the parameter value data for each equipment item integrated into subsystem group values through a weighted average process. These composite data were next entered in the Master Input Data records. This master file was then transformed to proper computer input format and entered in the "Keypunch Master File" prior to creation of punch-card, magnetic tape, or magnetic disk data input files suitable for computer processing. The format Keypunch Master File created for Task 7 was tailored for the PKING data processing program. The general process for creating the Master Input File of Appendix A is widely applicable, however, and could be used to create input files for a wide variety of data processing programs. The detailed procedure used in quantifying and integrating the "raw" data base accumulated during Task IV is as follows:

The field experience data gathered during Task IV was divided into six categories:

- (1) Maintenance Resource Demand Parameters
- 2) Equipment Characteristics Parameters
- (3) Base Operations Characteristics Parameters
- (4) Base Environment Characteristics Parameters
- (5) Base Maintenance Characteristics Parameters
- (6) General Aircraft Characteristics Parameters

Information on each parameter in the first two categories was obtained for each equipment item selected from each study aircraft at each study base. Information was obtained on an aircraft/base basis for the other four categories. This information was normalized on a subsystem basis as appropriate and entered in the composite data files presented in Appendix A. Since the data in categories (1) and (2) were gathered on each individual equipment item within each functional grouping (subsystem), data on these individual equipment items required transformation into subsystem level values. This was accomplished by a simple weighted average method based on the relative frequency of maintenance of the equipment items comprising a particular subsystem within a particular study aircraft type. For instance, if item A and item B comprise functional subsystem C for a particular aircraft, and the Maintenance Action Demand for item A is twice that of item B (say 10 actions per unit per year vs 5 actions/unit/year), then equipment characteristic parameter values for item A would be weighted twice as heavily as B values when calculating the composite value for subsystem C. For example, if A's volume is 4 cubic inches and B's volume is 7 cubic inches, the weighted average volume of subsystem C for maintenance resource demand purposes is -- (4+4+7) ÷ 3 = 5 cubic inches. This is the value entered in the composite data file and represents the average volume of items removed from subsystem C that must be dealt with by

the maintenance system over the course of a year's activity. This same type of reasoning was applied to the calculation of the composite values of the other equipment characteristic parameters.

Most of the data in the data base were obtained in quantitative form. Information on a few parameters was obtained in qualitative form, however, and required quantification. Tables 1 through 7 list the parameters in each category, their type (real or scaled variable), their units of measure if any, and the scaling conventions used for variables which were scaled from qualitative data.

1.	D.		1	
PH. I	PH. II	PARAMETER NAME	TYPE	2T1NU
01, A01	ROT	Item Maintenance Action Demand	Real	Actions/item/yr
17. P18, 21	RO2	Item Maintenance Manhours	Real	MMH/item/yr
9, A22		Total Item Removals	Real	Removals/item/yr
20, A23	RO3	Unscheduled Item Removals	Real	Removals/item/yr
21, A24		Scheduled Item Removals	Real	Removals/item/yr
22, A25	R04	Ground Aborts Caused by Item	Rea 1	Aborts/itemyr
23, A26	RO5	Air Aborts Caused by Item	Real	Aborts/item/yr
24. A27	RO6	Item Cannibalization Per Acft	Real	Incidents/acft/yr

TABLE 2 EQUIPMENT CHARACTERISTICS PARAMETERS (AVIONICS)

I.D.	PARAMETER NAME	TYPE	UNITS
A02	Equipment Location on Aircraft Note: Scale based on judged severity of local environment.	Scaled	Convention: 1 = Cockpit/Cabin 2 = Midship Bays 3 = Fwd. Bays 4 = Bomb Bay 5 = Wheel Wells 6 = Aft. Bays 7 = External Mounts 8 = Proximity of Engines
A03	Equipment Weight	Real	Pounds
A04	Equipment Volume	Real	Cubic Inches
A05	SRU Count	Real	No. of SRU's
A06	Operating Temperature	Real	Degrees "F" Median
A07	Cooling Method Note: Scale based on judged effec- tiveness of cooling method.	Scaled	Convention: 0 = Reject heat to surrounding equip. 1 = Ambient Air 2 = Forced Air 3 = Liquid 4 = Other
80A	Protection Devices Note: Scale based on judged sophis- tication of protection method.	Scaled	Convention: 0 = None 1 = Temperature Covers, etc 2 = Permanent Environ. Protective Devices 3 = Fuse Overload Devices 4 = Mechanical Action Overload Devices 5 = BIT Fault Indication Auto Shutdown
A09	Number of Test Points (Org. Level)	Real	No. of Test Points

TABLE 2 EQUIPMENT CHARACTERISTICS PARAMETERS CONT'D (AVIONICS)

I.D.	PARAMETER NAME	TYPE	UNITS
A10	Required AGE Note: The required AGE value given a parti- cular item is determined by the highest r order AGE item required.	Scaled	Convention: 0 = None 1 = Simple Hand Tools/ Meters 2 = Basic Electrical Test/ Support Equipment 3 = Commercial Test Sets/ Support Equipment 4 = General Purpose Military Test Sets/ Support Equipment 5 = Dedicated Test Sets/ Support Equipment 6 = Computerized Automatic Test Stations
A11	AGE Availability	Real	% Time Available when required
A12	AGE Unreliability	Real	% Time Unreliable when used
A13	Avg. Operating Time Per Sortie	Real	Hours
A14	Failure/Malfunction Note: Scale based on judged severity of issue 1 (low)—> 6 (most severe)	Scaled	Convention: 1 = Environment 2 = Low Vibration Stress 3 = Med Vibration Stress 4 = High Vibration Stress 5 = Usage 6 = Design
A15	Retest OK Rate	Real	§ Squawks retest OK
A16	On-Off Cycles Per Hour	Real	Cycles/10 Flying Hr.
A1 7	On-Off Cycles Per Sortie	Real	Cycles/Sortie

TABLE 2 EQUIPMENT CHARACTERISTICS PARAMETERS CONT'D (AVIONICS)

I.D.	PARAMETER NAME	TYPE	UNITS
A18	Ground/Flight Operating Ratio	Real	% Ground to Flight
A19	Failure/Abort Ratio	Real	% Failures Causing Aborts

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TABLE 3 EQUIPMENT CHARACTERISTICS PARAMETERS (PROPULSION)

I.D.	PARAMETER NAME	TYPE	UNITS
P02	Total No. of Installed Engines	Real	Number/Acft.
P03	Take-off Thrust Per Engine	Rea1	Pounds/10
P04	Weight Per Engine	Real	Pounds/10
P05	Volume Per Engine	Real	Cu. Ft./10
P06	Density Per Engine	Real	Lb./Cu.Ft./10
P07	No. Compressor Sections Per Engine	Real	Number
P08	No. Compressor Blades Per Engine	Real	Number
P09	Turbine Section Size	Real	Ft. Diam.
P10	Max Engine Combustion Temp.	Real	Degrees "C"
P11	Max Engine Fuel Flow	Real	Lbs./Hr.
P12	Min Engine Fuel Flow	Real	Lbs./Hr.
P13	Engine Prime Depot	Scaled	Convention: 1 = OCALC 2 = SAALC 3 = Teledyne 4 = Alameda
P14	Engine AGE Avail- ability	Real	% Time Available When Required
P15	Engine AGE Unreli- ability	Real	% Time Unreliable When Used

TABLE 3 EQUIPMENT CHARACTERISTICS PARAMETERS CONT'D (PROPULSION)

P16 Engine Vibration Real Convention:	INITS
P16 Engine Vibration Factors Real Convention: 1 = Low 2 = Medium 3 = High	

TABLE 4 EQUIPMENT CHARACTERISTICS PARAMETERS (OTHER SYSTEMS)

I.D.	PARAMETER NAME	TYPE	UNITS
F01	Equipment Location on Aircraft Note: Scale based on judged severity of local environ	Scaled	Convention: 1 = Cockpit/Cabin 2 = Midship Spaces 3 = Fwd. Spaces 4 = Bomb Bay 5 = Wheel Wells 6 = Aft. Spaces 7 = External Mounts 8 = Proximity of Engines
F02	Primary Material Note: Scale values assigned from most damage susceptible material to least damage susceptible material.	Scaled	Convention: 1.0 = Rubber 2.0 = Plastic 3.0 = Aluminum 4.0 = Honeycomb 5.0 = Fiberglass 6.0 = Glass 7.0 = Titanium 8.0 = Steel
F03	Equipment Weight	Real	Pounds
F04	Equipment Volume/Area	Real	Cubic Inches, Cu. Ft., Sq. Ft.
F05	Operating Temperature	Real	Degrees "F" Median
F06	Support Equipment Complexity Note: The scale value given a parti- cular item is determined by the highest order SE item required.	Scaled	Convention: 0 = None 1 = Simple Hand Tools/ Meters 2 = Basic Test/Support Eq. 3 = Commercial Test Sets/ Support Equipment 4 = General Purpose Military Test Sets/ Support Equipment 5 = Dedicated Test Sets/ Support Equipment 6 = Computerized Automatic Test Stations

TABLE 4 EQUIPMENT CHARACTERISTICS PARAMETERS CONT'D (OTHER SYSTEMS)

I.D.	PARAMETER NAME	TYPE	UNITS
F07	AGE Reliability	Real	% Time Reliable When Used
F08	Type of Failure Problems Note: Scale based on judged severity of issue l (low)→6 (most severe)	Scaled	Convention: 1 = Environment 2 = Low Vibration Stress 3 = Med Vibration Stress 4 = High Vibration Stress 5 = Usage 6 = Design
F09	Inflight Squawk Verification Rate	Real	% Squawks Verified
F10	On-Off Cycles Per Sortie	Real	Cycles/Sortie
Fll	Ground/Flight Operat- ing Ratio	Real	% Ground to Flight
F12	Relative Reliability of Equipment Driving Force	Scaled	Convention: 1.0 = Electrical 2.0 = Mechanical 3.0 = Hydraulic 4.0 = Pneumatic 5.0 = Other
F13	Removals to Access Other Equipment	Real	Removals/Acft/Year
F14	Severity of FOD Problem	Scaled	Convention: 0.0 = None 1.0 = Low 2.0 = Medium 3.0 = High

TABLE 4 EQUIPMENT CHARACTERISTICS PARAMETERS CONT'D (OTHER SYSTEMS)

I.D.	PARAMETER NAME	TYPE	UNITS
F15	Principle Failure Cause Note: Scale based on judged severity of causal en- vironment.	Scaled	Convention: 0.0 = None 1.0 = Aircraft High Speed 2.0 = Low Level Flight 3.0 = Turbulance 4.0 = Air Refueling 5.0 = Landings 6.0 = Gun Firings 7.0 = Rocket Firings 8.0 = Bombing
F16	Protection Devices Note: Scale based on judged sophis- tication of protection method.	Scaled	Convention: O = None 1 = Protective Covers, Shock Mounts, etc. 2 = Permanent Environ. Protective Devices 3 = Fuse Overload Devices 4 = Mechanical Action Overload Devices 5 = BIT Fault Indication Auto Shutdown
F17	Equipment Pressuriza- tion Level	Real	Pounds per Square Inch
F18	Rain Removal Tech- nology (Windshield) Note: Scale based on judged sophis- tication of rain removal method.	Scaled	Convention: 0.0 = None 1.0 = Wipers 2.0 = Bleed Air
F19	Mounting Position (Wings Only) Note: Scale based on judged adverse impact on main- tainability.	Scaled	Convention: 1.0 = Lower Fuselage 2.0 = Mid Fuselage 3.0 = Upper Fuselage

TABLE 4 EQUIPMENT CHARACTERISTIC PARAMETERS CONT'D (OTHER SYSTEMS)

I.D.	PARAMETER NAME	TYPE	UNITS
F20	Power Rating (Generators)	Real	KVA Rating
F21	Number of Tire Plys	Real	Plys per Tire
F22	Landings per Tire	Real	Landings/Tire/Acft/Year
F23	Average Tire Cost	Real	Dollars per Tire
F24	Securing Method Technology (Radome only) Note: Scale based on judged sophis- tication of fastening technology.	Scaled	Convention: 1.0 = Hinge and Bolt 2.0 = Hinge and Snap- Fasteners 3.0 - Cam Locks

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TABLE 5 BASE/AIRCRAFT OPERATIONS PARAMETERS

I.	.D.		· · · · · · · · · · · · · · · · · · ·	
PH. I	PH. II	PARAMETER NAME	TYPE	UNITS
Ø02	Ø01	Years Acft Have Been on Base	Real	No. Years
Ø03	Ø02	Avg. Mission Mix Note: Value based on weighted avg. mission type taken over l year's operations.	Scaled	Convention: 1 = Training 2 = Operations 3 = Misc.
Ø04		Aircraft Grounded Time	Real	% of Days
Ø 05	Ø03	Avg. Take-off Speed	Real	Knots
Ø06	Ø04	Median Take-off Distance	Real	Feet
Ø07	Ø05	Percent of Max Take- off Wt.	Real	Avg take-off wt as % of max
Ø08	Ø 06	Avg Climb Rate	Real	Feet/Min
Ø09	Ø07	Avg Cruise Speed	Real	Knots
ø 10	Ø08	Avg Cruise Altitude	Real	Feet/10
וו@	Ø09	Avg Descent Rate	Real	Feet/per Min.
Ø 12	Ø10	Avg Landing Speed	Real	Knots
Ø13	011	Minimum Landing Distance	Real	Feet
Ø14	Ø 12	Avg Landing Wt.	Rea1	Lbs/1000
Ø15	Ø13	Total Flying Hours	Real	Hours/Acft/Yr
Ø16	Ø14	Training Flying Hours	Rea1	Hours/Acft/Yr
Ø1 <i>7</i>	Ø 15	Operations Flying Hrs	Read	Hours/Acft/Yr

TABLE 5 BASE/AIRCRAFT OPERATIONS PARAMETERS CONT'D

I.D.				
PH. I	PH. II	PARAMETER NAME	TYPE	UNITS
Ø1 8		Misc. Flying Hours	Real	Hours/Acft/Yr
Ø19	Ø16	Total Landings	Real	Landings/Acft/Yr
ø 20	Ø1 <i>7</i>	Training Landings	Real	Landings/Acft/Yr
ø 21	Ø18	Operations Landings	Real	Landings/Acft/Yr
ø 22		Misc. Landings	Real	Landings/Acft/Yr
Ø23		Avg No. of Acft on Alert	Real	Acft/Month
Ø24		Avg No. of Deployed Acfi	Real	Acft/Month
Ø25	Ø 19	Total Sorties	Real	Sorties/Acft/Yr
ø 26	ø 20	Training Sorties	Real	Sorties/Acft/Yr
Ø27	Ø 21	Operations Sorties	Real	Sorties/Acft/Yr
Ø28		Misc. Sorties	Real	Sorties/Acft/Yr
Ø29	ø 22	Avg Possessed Acft	Real	Acft/Month
ø30	Ø23	Maximum Acft Speed	Rea 1	Knots
Ø31	ø 24	Service Acft Ceiling	Real	Feet/10
Ø32	Ø 25	Acft Flight Crew Size	Real	Persons/Acft
Ø33	ø 26	Avg Sortie Length	Real	Hours/Sortie
Ø34	Ø 27	Accidents (Major/ Minor)	Real	No./Acft/Yr
Ø35	Ø28	Incidents	Real	No./Acft/Yr

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TABLE 6 BASE ENVIRONMENTAL PARAMETERS

I.	.D.			
PH. I	PH. II	PARAMETER NAME	TYPE	UNITS
E02	E01	Base Altitude	Real	Feet
E03	E02	Runway Direction (Prevalent T.O. Direction)	Rea l	Compass Degrees
E04	E03	Distance to Mountains	Real	Miles
E05		Direction of Mountains	Real	Compass Degrees
E06	E04	No. of Snow Days	Real	Days/Yr
E0 <i>7</i>	E05	Total Snow Fall	Rea1	Inches/Yr
E08	E06	Mean Snow Depth	Real	Inches During Snow Session
E09	E07	No. of Rain Days	Real	Days/Yr
E10	E08	Total Rain Fall	Rea 1	Inches/Yr
E11 ,	E09	No. of Hail Days	Real	Days/Yr
E12	E10	Relative Humidity(Avg)	Real	Percent
E13	E11	No. of Thunder Days	Real	Days/Yr
E14	E12	No. of Sleet Days	Real	Days/Yr
E15	E13	No. of Fog Days	Real	Days/Yr
E16	E14	Predominate Wind Direction	Real	Compass Degrees
E17	E15	Maximum Crosswinds than 10 mph	Real	Days/Yr
E18	E16	Maximum Crosswinds 10-19 mph	Real	Days/Yr
E19	E17	Maximum Crosswinds 20-29 mph	Rea 1	Days/Yr

TABLE 6 BASE ENVIRONMENTAL PARAMETERS CONT'D

I.	.D.			
PH. I	PH. II	PARAMETER NAME	TYPE	UNITS
E20	E 18	Maximum Crosswinds 30-39 mph	Real	Days/Yr
E21	E19	Maximum Crosswinds 40-49 mph	Real	Days/Yr
E22		Maximum Crosswinds Greater than 50 mph	Real	Days/Yr
E23	E20	Mean Temperature	Real	Degrees "F"
E24	E21	Mean Minimum Temp.	Real	Degrees "F"
E25	E22	Mean Maximum Temp.	Real	Degrees "F"
E26	E23	Days Max Temp was Above 80 ⁰ "F"	Real	Days/Yr
E27	E24	Days Min Temp was Below 32 ⁰ "F"	Real	Days/Yr
E28	E25	Total Number of Obstructions to Vision	Real	No. of Events/Yr
E29		Predominate Type of Obstructions Note: Value based on most predomin- ate type of obstruction. Consider ob- struction severity increasing from type 1 to type 4.	Scaled	Convention: 1 = Haze (Haze, Smoke, Dust) 2 = Snow (Pellets, Showers, Blown Snow, Ice Pellets) 3 = Rain (Rain, Drizzle, Hail, Freezing Rain, Freezing Drizzle) 4 = Fog (Fog, Ground Fog, Ice Fog)

TABLE 6 BASE ENVIRONMENTAL PARAMETERS CONT'D

1	.D.			
PH. I	PH. II	PARAMETER NAME	TYPE	UNITS
E30	E26	Avg, Obstruction Type Note: Value = Weighted avg. per following formula:	Scaled	Convention: (Same as Above)
		[(Haze Qty)x(1)+(Snow Qty)x(2)+(Rain Qty)x (3)++(Fog Qty)x (4)] /(Total Obstructions)		
E31	E27	Avg Obstruction Severity (over year) Note: Value based on following formula:	Scaled	Convention: (Same as Above)
		(Total Obstructions)x (Summation of Weighted Obstruction Types From Above)		

TABLE 7 BASE MAINTENANCE CHARACTERISTICS PARAMETERS

I.D.				
PH. I	PH. II	PARAMETER NAME	TYPE	UNITS
M02	10M	Avg OR Rate (FMC) (Hours OR/Hours Possessed/Mo) Averaged over year.	Real	Avg ¾ for Base/Yr
M03	M02	Avg NORM Rate (NMCM) (Hours NORM/Hours Possessed/Mo) Averaged over year.	Real	Avg % for Base/Yr
M04	M03	Avg NORS Rate (NMCS) (Hours NORS/Hours Possessed/Mo) Averaged over year.	Real	Avg % for Base/Yr
M05	MO4	Total Maint Personnel Authorized	Real	Persons/Acft
M06	M05	Total Maint Personnel Assigned	Real	Persons/Acft
M07	м06	Total 3 Level Maint Personnel Assigned	Real	Persons/Acft
M08	M0 <i>7</i>	Total 5 Level Maint Personnel Assigned	Rea1	Persons/Acft
M09	M08	Total 7 Level Maint Personnel Assigned	Real	Persons/Acft
M10	M09	Total 9 Level Maint Personnel Assigned	Real	Persons/Acft
M11	м10	Total AMS Personnel Authorized	Real	Persons/Acft
M12	Mll	Total AMS Personnel Assigned	Real	Persons/Acft
M13	M12	Total 3 Level AMS Personnel Assigned	Real	Persons/Acft

TABLE 7 BASE MAINTENANCE CHARACTERISTICS PARAMETERS CONT'D

I. PH. I	D. PH. II	PARAMETER NAME	TYPE	UNITS	
M14	M13	Total 5 Level AMS Personnel Assigned	Real	Persons/Acft	
M 15	M14	Total 7 Level AMS Personnel Assigned	Rea1	Persons/Acft	
M16	M15	Total 9 Level AMS Personnel Assigned	Real	Persons/Acft	
M17	M16	Total Maint Manhours Expended	Real	MMH/Acft	
M 18		AMS Maint Manhours Expended	Real	MMH/Acft	
M19		Maint Concept	Scaled	Convention: 1 = POMO 2 = Queen Bee 3 = POMO + Queen Bee 0 = No POMO or Queen Bee	
M20	M17	Avg Turn-Around Time - Maint	Reaī	Clock Hours	
M21	M18	Acft FOD (All Causes)	Real	Incidents/Acft/Yr	
M22	M19	Total General Support Manhours (01-09)	Real	MH/Acft/Yr	
M23	M20	Gen Support Mahours Ol - Ground Handling & Servicing	Real	MH/Acft/Yr	
M24	M21	Gen Support Manhours O2 - Acft Cleaning	Real	MH/Acft/Yr	
M25	M22	Gen Support Manhours 03 - Look Phase of Sch Inspec	Rea 1	MH/Acft/Yr	

TABLE 7 BASE MAINTENANCE CHARACTERISTICS PARAMETERS CONT'D

I	. D.			
PH. I	PH. II	PARAMETER NAME	TYPE	UNITS
M26	M23	Gen Support Manhours O4 - Special Inspec.	Real	MH/Acft/Yr
M27	M24	Gen Support Manhours O5 - Preservation and Storage	Real	MH/Acft/Yr
M28	M25	Gen Support Manhours O6 - Arming and Disarming	Real	MH/Acft/Yr
4 29	M26	Gen Support Manhours 07 - Preparation and Maint of Records	Real	MH/Acft/Yr
M30	M27	Gen Support Manhours 09 - In-Shop General Support	Rea1	MH/Acft/Yr

TABLE 8 GENERAL AIRCRAFT CHARACTERISTICS

I	. D.		<u> </u>	
PH. I	PH. II	PARAMETER NAME	TYPE	UNITS
G02	G01	Years Since Acft was	Real	Years
G03	G02	Aircraft Empty Weight	Real	Lbs/10
304	G03	Max Gross WtTake-Off	Real	Lbs/10
3 05	G04	Aircraft Wing Area	Real	Sq. Ft.
G 06	305	Aircraft Aspect Ratio	Real	Percent
30 <i>7</i>	306	Total Fuel Capacity	Real	Gallons
G 08	G07	Avg Acft Wing Load	Real	Lbs/Sq. Ft.
G09	908	Years Since Engine Production	Real	Years
GIO	G09	No. of Installed Engines Per Acft	Real	No./Acft
วาา	012	Engine Wt. Per Acft (all engines)	Real	Lbs/10
G12	G11	Total Thrust Per Acft	Real	Lbs/10
313	G12	Designated Climb Rate	Real	Feet/Min
314	G13	No. of Generators Per Acft	Real	No./Acft
G15	G14	Total Maint Manhours Per Flight Hours	Real	MMH/F15 Hr
316	G15	Years Since Acft First Flight	Real	'ears

3. COMPUTER-AIDED DETECTION AND SCREENING OF PARAMETRIC RELATIONSHIPS

After the Master Input Data File was transformed into suitable computer input records, the Boeing Experience Analysis Center's local cross-plotting and regression analysis program "PKING" was applied to the data. This program was set to generate cross-plots and regression statistics for the following candidate variable combinations:

- 3 Maintenance Resource Demand Parameters (Avionics subsystems only)
- 8 Maintenance Resource Demand Parameters (Propulsion system only)
- 6 Maintenance Resource Demand Parameters (Other aircraft systems)
- 18 Avionics Equipment Parameters (Avionics subsystems only)
- 15 Propulsion Equipment Parameters (Propulsion system only)
- 24 Other System Equipment Parameters
- 33 Operations Parameters (Phase I) 28 Operations Parameters (Phase II)
- 30 Environmental Parameters (Phase I) 27 Environmental Parameters (Phase II)
- 29 Maintenance Parameters (Phase I) 27 Maintenance Parameters (Phase II)
- 15 General Aircraft Parameters (Phases I and II)

A set of cross-plots and regression statistics was generated for each of the 30 following equipment subsystem types:

- Propulsion
- Flight Indicators
- Air Data System
- Horizontal Situation Indicator Stabilator
- Auto Pilot
- UHF Communication Set
- IFF Transponder Set
- Inertial Navigation Set
- Instrument Landing Set
- TACAN Set
- Attitude Heading Reference Set Hydraulic Power
- Radar Set
- Radome
- windshield
- Wings

- Cockpit Furnishings
- Main Landing Gear
- Brakes
- Rudder
- Flaps
- Environmental Control
- Aircraft Power Generation
- Navigation Lights
- Landing Lights
- Internal Fuel Tanks
- Oxygen Regulator
- LOX Converter
- Fire Detection

The data cases used as the statistical base for the analysis of these equipments was gathered for the following aircraft, base combinations during the lourse of fask IV:

- F-15A/Luke AFB, Arizona
- F-15A/Bitburg AB, Germany
- B+52G/Fairchild AFB, Washington
- FB-111A/Plattsburgh AFB, New York
- C-141A/Travis AFB, California
- YC-135A Fairchild AFB, Washington
- T-38A, Randolph AFB, Texas
- A-10A/Myrtle Beach AFB, South Carolina
- A-10A Davis-Monthan AFB, Arizona

Using this nine case data population, 1064 scatterplots were generated for each of the eleven avionics items, 1040 scatterplots for the propulsion system, and 13,716 scatterplots for the 18 other aircraft systems investigated during Phase II for a total of 26,460 candiate variable combinations.

These resulting scatterplots were screened for significant causal relationships between the Maintenance Resource Demand (MRD) parameters and the Candidate Maintenance Impact parameters. The screening criteria utilized were as follows:

(1) Correlation Coefficient of Regression 0.5 or greater.

(2) Visually apparent curvilinear relationship.

(3) Acceptable data point distribution.

(4) At least 5 data points, 4 of which were non zero in both the ordinate and abscissa.

Of the 26,460 scattergrams generated, the screening process rejected about 91% as being insufficiently correlated. This left 9% or over 2,400 correlated relationships from which to formulate a recommended list of significant Maintenance Impact Estimating Relationships.

As stated in the introduction, the same variable combination data processing and screening could have been accomplished with any available computer program possessing cross-plotting and regression analysis capability, SPSS, STATPK. Boeing EAC's "PKING" program was used to gain maximum speed and efficiency in processing the mass of data contained in the data base. A brief description of this program follows:

DESCRIPTION AND USE OF "PKING"

The "PKING" program is a data manipulation program written in FORTRAN IV, which can handle moderately large data sets (35 variables, 100 data points per variable) such as are encountered in cost and support system analysis. Program input is flexible and straightforward in the form of data tables. Output is in the form of easy-to-read cross-plots derived from the input variables.

The significant characteristics of the program are as follows:

- The Program records and manipulates data for from 2 to 35 variables.
- As many as 100 entries can be made for each variable.
- All 35 variables may be input variables or --
- A minimum of 2 variables may be input variables.
- Up to 33 of the output variables may be "transform variables" created by transforms within the program.
- Up to 50 transform algorithms may be included in the program to manipulate data and create new output variables --
- A total of 35 output variables (input variables + transform variables) may be specified.
- The transforms may be any "mathematical" or "logical" algorithms.

- A simple least squares regression routine is computed for each variable combination.
- The output of the program consists of scattergrams which plot specified combinations of input and transform variables.
- The plots may be constrained somewhat by specifying that certain input variables only be used as "independent" variables.
- Otherwise all variables are treated in turn as independent variables and dependent variables against all other variables.
- The form of the output scattergrams has been carefully designed to permit rapid visual scanning for two-variable correlations. In addition the appropriate correlation coefficient of regression, and the estimating equation slope and intercept are annotated to each scatterplot.
- Input data and transform data is stored in a single 35-by-100 cell addressable matrix to facilitate inter-program processing and easy linking with other data manipulation programs such as data ranking routines.

The flexibility of the program to accept any type of mathematical or logical transform algorithm and to selectively apply these transforms at the user's prerogative make this program a powerful data-normalizing tool. The program can be used to quickly screen large numbers of variables for possible primary correlations and to identify subtle higher-order correlations by the creative application of various normalizing and combinatorial transforms to likely combinations of variables in various ways (such as through addition, subtraction, multiplication, division, exponentiation, geometrics, differentiation, or Boolean logic) and the resultant aggregate variable plotted against other variable combinations to bring out cause-effect relationships which may not be apparent from single variable cross-plots.

The program is also useful in filling holes in data sets when there is reason to believe that the missing data are continuous with the data in hand. In this use, the program is run with the missing data variable input along with several related variables which are complete. If the missing data variable is correlated with any of the other complete variables, this can be seen from the output plots and a linking function derived and used to compute the expected values of the missing data points.

The basic simplicity of the program makes it economical to use. Data input encoding and keypunch is simple and need only be done once for any given data set. A typical data run with an output of several hundred cross-plots may be made at a very small cost.

4. MAINTENANCE IMPACT ESTIMATING RELATIONSHIP (MIER) DEVELOPMENT AND PRIORITIZATION

The next step in the analysis and prioritization of the study parameters was to re-examine the apparently correlated relationships found during the computer processing and screening process and build a "MIER Catalog" of potentially useful relationships. The 3,000-odd scattergrams accepted during the first screening were re-examined for reasonable data distribution and statistical usefulness. Several nundred scattergrams which had passed the first screening were rejected during this test because of unacceptable data distribution. For instance, if all data points except one were clustered in one area of the plot, the regression computation often yielded a correlation coefficient greater than 0.5 even though the data were useless for practical purposes. Other scattergrams were rejected on the basis of not enough (4 or more) non-zero data points to have any statistical usefulness. This question of statistical usefulness can be illustrated by referral to Figure 4. Note that at a sample size of 5 (considered the lower useful limit for this study), it can be said with 90% confidence that only about 66% of the possible values of a "total" continuous-valued population lie within the distribution of values represented by the available sample. Conversely, we can only be about 40% confident that 90% of the possible values have been captured by a sample of 5. This condition improves somewhat at the "normal" sample size for this study which consists of 9 data points. At a sample of 9, we can estimate with 90% confidence the capture of nearly 80% of the possible population values, or estimate with 60% confidence the capture of 30% of the possible population values. The nomograph of Figure 4 thus gives a measure of the statistical confidence that can be placed on the relationships derived from the data base of this study.

The surviving MIER's from this second screening process were then sorted first by equipment item and then by MRD type within equipment item. The MIER's within each MRD type within each equipment item were then rank-ordered by correlation coefficient and collated in a MIER catalog which has been published as Boeing Supplements I and II to this report. A summary array of the MIER catalog (Supplement I and II) has been included in Appendix B of this report. Appendix B is in the form of MRD vs Maintenance Impact Parameter arrays and indicates the surviving useful relationships through MIER catalog page number entry in the appropriate cells. Blank cells indicate variable combinations which were tested and rejected. Tables 8-19 indicate the number of MIER's retained and cataloged for each equipment type in each category. The Maintenance Action Demand MIER's were used to develop new metrics for LCOM (Tasks VI and VII) while those in the other maintenance resource demand categories are retained for future study. Figure 5 illustrates typical examples of the MIER relationships that were cataloged. Figure 5 is illustrative only.



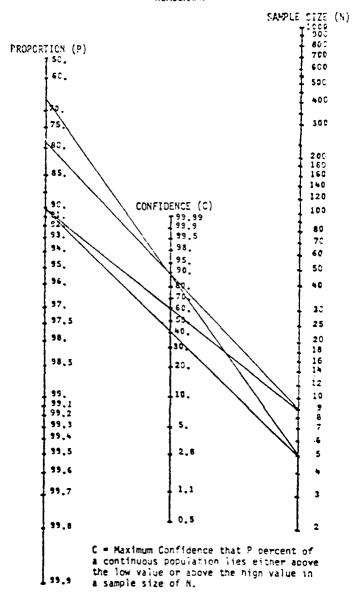


FIGURE 4 NON PARAMETRIC TOLERANCE LIMITS (SINGLE TAIL OR ONE SIDED TEST)

TABLE 9 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIP	IPMENT TYPE: WUC-23 POW	POWER PLANT	NT		
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	4 6 3	SCHEDULED EQUIPMENT REMOVALS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0 3 0
T0TAL: 37	MAINTENANCE AIRCRAFT GENERAL	12 9	T0TAL: 18	MAINTENANCE AIRCRAFT GENERAL	13 1
MAINTENANCE MANHOURS EXPENDED	MRD EQUIPMENT OPERATIONS ENVIPONMENTAL	3 5	AIR ABORIS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0 1 6 %
T0TAL: 37	MAINTENANCE AIRCRAFT GENERAL	13 9	TOTAL: 25	MAINTENANCE AIRCRAFT GENERAL	, 2 10
TOTAL EQUIPMENT REMOVALS	MRD EQUIPMENT OPERATIONS	1 4 5	GROUND ABORTS	MRD EQUIPMENT OPERATIONS	1 3 10
TOTAL: 27	ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	0 12 5	T0TAL: 35	ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	4 7 10
UNSCHEDULED EQUIPMENT REMOVALS	MRD EQUIPMENT OPERATIONS	1840	EQUIPMENT CANNIBALIZATION	MRD EQUIPMENT OPERATIONS	0 0 1
10TAL: 24	MAINTENANCE AIRCRAFT GENERAL	11 2	T0TAL: 9	ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	0 1 /

TABLE 10 NUMBER OF MIER'S DETECTED AND RETAINED

	NO.	0	00000	00000	0 2 1 2
	MAINTENANCE IMPACT PARAMETER CATEGORY	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL
FLIGHT INDICATORS	MAINTENANCE RESOURCE DEMAND	SCHEDULED EQUIPMENT REMOVALS TOTAL: 0	AIR ABORTS TOTAL: 0	GROUND ABORTS TOTAL: 0	EQUIPMENT CANNIBALIZATION TOTAL: 10
GHT IN	NO.	€44£8±	2 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 1 2 1 9 1	1 6 0 0
IPMENT TYPE: WUC-51A FL	MAINTENANCE IMPACT PARAMETER CATEGORY	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL
EQUIP	MAINTENANCE RESOURCE DEMAND	MAINTENANCE ACTION DEMAND TOTAL: 25	MAINTENANCE MANHOURS EXPENDED TOTAL: 21	TOTAL EQUIPMENT REMOVALS TOTAL: 13	UNSCHEDULED EQUIPMENT REMOVALS TOTAL: 10

TABLE 11 NUMBER OF MIER'S DETECTED AND RETAINED

	NO.	00000	1 0 0 1	00000	0 1 2 8 8
	MAINTENANCE IMPACT PARAMETER CATEGORY	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL
SYSTEM	MAINTENANCE RESOURCE DEMAND	SCHEDULED EQUIPMENT REMOVALS TOTAL: 0	AIR ABORTS TOTAL: 6	GROUND ABORTS TOTAL: 0	EQUIPMENT CANNIBALIZATION TOTAL: 17
AIR DATA SYSTEM	NO.	3 6 7 4 15 8	3 3 14 2	2 4 3 11 11	00 4 3 4 2
PMENT TYPE: WUC-51E AI	MAINTENANCE IMPACT PARAMETER CATEGORY	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL
EQUIP	MAINTENANCE RESOURCE DEMAND	MAINTENANCE ACTION DEMAND TOTAL: 43	MAINTENANCE MANHOURS EXPENDED TOTAL: 31	TOTAL EQUIPMENT REMOVALS TOTAL: 25	UNSCHEDULED EQUIPMENT REMOVALS TOTAL: 13

ABLE 12 NUMBER OF MIFR'S DETECTED AND RETAINED

	NO.	00000	00000	00000	000000
JR.	MAINTENANCE IMPACT PARAMETER CATEGORY	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL
SITUATION INDICATOR	MAINTENANCE RESOURCE DEMAND	SCHEDULED EQUIPMENT REMOVALS TOTAL: 0	AIR ABORTS TOTAL: 0	GROUND ABORTS TOTAL: 0	EQUIPMENT CANNIBALIZATION TOTAL: 15
HORIZONTAL	NO.	2 3 18 9	1 2 4 3 17 6	0 2 7 2 2 10 10	0 2 7 2 0 0
IPMENT TYPE: WUC-51N HOR	MAINTENANCE IMPACT PARAMETER CATEGORY	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL
EQUIP	MAINTENANCE RESOURCE DEMAND	MAINTENANCE ACTION DEMAND TOTAL: 41	MAINTENANCE MANHOURS EXPENDED TOTAL: 33	TOTAL EQUIPMENT REMOVALS TOTAL: 31	UNSCHEDULED EQUIPMENT REMOVALS TOTAL: 11

ABLE 13 NUMBER OF MIER'S DLTECTED AND RETAINED

EQUIP	EQUIPMENT TYPE: WUC-52A AUTO	AUTO PILOT			
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	3 7 6	SCHEDUL ED EQUI PMENT REMOVAL S	MRD EQUIPMENT OPERATIONS FNVIRONMENTAL	0000
TOTAL: 47	MAINTENANCE AIRCRAFT GENERAL	14 10	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0 0
MAINTENANCE MANHOURS EXPENDED	MRD EQUIPMENT OPERATIONS FNVIRONMENTAI	25	AIR ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0000
TOTAL: 24	MAINTENANCE AIRCRAFT GENERAL	2	T0TAL: 0	MAINTENANCE AIRCRAFT GENERAL	000
TOTAL EQUIPMENT REMOVALS	MRD EQUIPMENT OPERATIONS	1 7 6	GROUND ABORTS	MRD EQUIPMENT OPERATIONS	0 2 2
TOTAL: 44	ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	8 14 8	TOTAL: 13	ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	1 2 6
UNSCHEDULED EQUIPMENT REMOVALS	MRD EQUIPMENT OPERATIONS	1 7	EQUIPMENT CANNIBALIZATION	MRD EQUIPMENT OPERATIONS	0 1 6
TOTAL: 24	ENVIKONMENIAL MAINTENANCE AIRCRAFT GENERAL	000	T0TAL: 23	ENVIKONMENIAL MAINTENANCE AIRCRAFT GENERAL	0 16 0

TABLE 14 NUMBER OF MIER'S DETECTED AND RETAINED

	เพ0.	00000	000000000000000000000000000000000000000	0	0 0 0
	MAINTENANCE IMPACT PARAMETER CATEGORY	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTEHANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENARICE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL
CATIONS SET	MAINTENANCE RESOURCE DEMAND	SCHEDULED EQUIPMENT REMOVALS TOTAL: 0	AIR ABORTS TOTAL: 10	GROUND ABORTS TOTAL: 0	EQUIPMENT CANNIBALIZATION TOTAL: 11
OMMONI	NO.	2 4 7 13 6	1 2 10 5 14 3	0 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 % 6 4 0 0
JIPMENT TYPE: WUC-63A UHF COMMUNICATIONS SET	MAINTENANCE IMPACT PARAMETER CATEGORY	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL
EQUIP	MAINTENANCE RESOURCE DEMAND	MAINTENANCE ACTION DEMAND TOTAL: 36	MAINTENANCE MANHOURS EXPENDED TOTAL: 35	TOTAL EQUIPMENT REMOVALS TOTAL: 36	UNSCHEDULED EQUIPMENT REMOVALS TOTAL: 16

TABLE 15 NUMBER OF MIER'S DETECTED AND RETAINED

	NO.	00000	00000	00000	2 4 0 1 0
	MAINTENANCE IMPACT PARAMETER CATEGORY	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTEHANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENAHCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRO EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFI GENERAL
ONDER SET	MAINTENANCE RESOURCE DEMAND	SCHEDULED EQUIPHENT REMOVALS TOTAL: 0	AIR ABORTS TOTAL: O	GROUND ABORTS TOTAL: 0	EQUIPMENT CANNIBALIZATION TOTAL: 8
TRANSP	NO.	264480	084462	-68-6-	188700
EQUIPMENT TYPE: WUC-65A IFF TRANSPONDER SFT	MAINTENANCE IMPACT PARAMETER CATEGORY	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL
ROUIP	MAINTENANCE RESOURCE DEMAND	MAINTENANCE ACTION DEMAND TOTAL: 21	MAINTENANCE MANHOURS EXPENDED TOTAL: 19	TOTAL EQUIPMENT REMOVALS TOTAL: 11	UNSCHEDULED EQUIPMENT REMOVAL S TOTAL: 7

BLE 16 NUMBER OF MIER'S DETECTED AND RETAINED

	ที่บ.		022300	0.40000	084-01
	MATHTENANCE IMPACT PARAMETER CATEGURY	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MKO EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTEHANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTEHANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERALIONS ETVIROSMENTAL MAINTERARCE AIRCRAFT GENERAL
NAVIGATION SET	MAINTENANCE RESOURCE DEMAND	SCHEDULED EQUIPMENT REMOVALS TOTAL: 0	AIR ABORTS TOTAL: 0	GROUND ABORTS TOTAL: 5	EQUIPMENT CANNIBAL IZATION TOTAL: 14
INERTIAL	NO.	m ~ 9 m o m	24420E	0 0 3 0 0 0	1955
IPMENT TYPE: WUC-71A IN	MAINTENANCE IMPACT PARAMETER CATEGORY	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENAHCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL
EQUIP	MAINTENANCE RESOURCE DEMAND	MAINTENANCE ACTION DEMAND TOTAL: 22	MAINTENANCE MANHOURS EXPENDED TOTAL: 15	TOTAL EQUIPMENT REMOVALS TOTAL: 11	UNSCHEDULED EQUIPMENT REMOVALS TOTAL: 11

TABLE 17 NUMBER OF MIER'S DETECTED AND RELETION

PMENT TYPE: WUC-/10] <u>Z</u>]	S TRUME N	WUC-ZIL INSTRUMENT LANDING SET		
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	.00	MAINTENANCE RESOURCE DENGALD	MATRIFIANG TONGS PAKAMUTEN JATUGER	
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	∾बदव;	SCHEDULED EQUIPMENT REMOVALS	MRD EQUITYPENT OPERATIONS ENTHORMONING	- :
10TAL: 31	MAINTEAARCE ATRCRAF GEGERAL	01	T014L: 0	MATRIESA Albonation	
MATHTENANCE MARHOURS EXPENDED	MKO EQUIPMENT OPERATIONS ENVIRONMENTAL	Nunch:	Alk ab 2015	Mic.) 17. John 97. 19. KAT, 19. 19. John 97.	
101AL: 25	MATNIERANGE ATRORAFT SERERAL	, -	1014	March Page 1.	
TOTAL EQUIPMENT REMOVALS	MRD EQUIPMENT OPERATIONS ESSIRONMENTAL	5 N N N	. ar dy Palrigh		
TOTAL: 22	MATNIEGANUE ATRORAFI SENEKAL		707AL : 0	MCDATANA Silamentanakan	
UNSCHEDULED EQUIPMENT REMOVALS	(1986) (18 1986) (18 1987) (18 1987)	± 1, 1, 1	1 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
	1974 (1974) 1974 (1974) 1974 1974 (1974) 1974 (1974) 1974				

	S. W. Service States				
Danie – Amerika Paparakan	en byte broaden et wood da't c'hew			em 1. s. p. – Miki Baltimori Li prakli i Posta (Dilifa	
1.14 1. 1. 19 19 17 18 19 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	mei Eustralent Eustralente Eustralente Mathenaer Atkekaet genesa	7 ខេត្ត <u>ន</u> ាក	nichte den er Leffig.	## 14 15 - 2 14 15 6 41 15 6 6	*
PASCHEOULES Epidemat Removal Tutal 12	MRD EQUIPMENT OPERATIONS ENVI' LANAL MAINTENANCE AIRCRAFT OFNERAL	044400	FQUIDMENT FAMIBALIZAZ UR TUTAL F	957 C. D. 1987 (1975) S. J. HRENNER TAL WATH BARKE A FRED FARE	6 V-10 5

ABLE 19 NUMBER OF MIRP'S DETECTED AND RETAINED

EQUIP.	EQUIPMENT TYPE: WUC-71F ATI	(1TUDE -)	ATTITUDE-HEADING REFERENCE SET	1	
MAINTENANCE RESOURCE DEMAND	MAINTEHANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	1345	SCHEDULED EQUIPMENT REMOVALS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0000
T0TAL: 17	MAINTENANCE AIRCRAFT GENERAL	2	T0TAL: 0	MAINTENANCE AIRCRAFT GENERAL	0
MAINTENANCE MANHOURS EXPENDED	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	2 0 1 3	AIR ABORTS	MRD EQUIPMENT OPERATIONS ENVIROHMENTAL	0
T0TAL: 11	MAINTENANCE AIRCRAFT GENERAL	3 8	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0
TOTAL EQUIPMENT REMOVALS	MRD EQUIPMENT OPERATIONS	3 2 2	GROUND ABORTS	MRD EQUIPMENT OPERATIONS	0
10TAL: 12	ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	2	T0TAL: 0	ENVIKUMENTAL MAINTENANCE AIRCRAFT GENERAL	0 0
UNSCHEDULED EQUIPMENT REMOVALS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAI	0 3 2	EQUIPMENT CANNIBALIZATION	MRD EQUIPMENT OPERATIONS ENVIDONMENTAL	0
TOTAL: 6	MAINTENANCE AIRCRAFT GENERAL	. 0	T0TAL: 2	MAINTENANCE AIRCRAFT GENERAL	700

TABLE 20 NUMBER OF MILR'S DETECTED AND RETAINED

	NO.	00000	00000	00000	00000
	MAINTENANCE IMPACT PARAMETER CATEGORY	MRD EQUIPMENT OPERATIONS EHVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIROHMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GEMERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTEHANCE AIRCRAFT GEMERAL
	MAINTENANCE RESOURCE DEMAND	SCHEDULED EQUIPMENT REMOVALS TOTAL: 0	AIR ABORTS TOTAL: 0	GROUND ABORTS TOTAL: 0	EQUIPMENT CANNIBALIZATION TOTAL: 0
RADAR SET	NO.	2 6 7 5 12 6	127478	0 9 4 13 5	0 0 0
IPMENT TYPE: WIIC-74F RAD	MAINTENANCE IMPACT PARAMETER CATEGORY	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GEHERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL
EQUIP	MAINTENANCE RESOURCE DEMAND	MAINTENANCE ACTION DEMAND TOTAL: 38	MAINTENANCE MANHOURS EXPENDED TOTAL: 27	TOTAL EQUIPMENT REMOVALS TOTAL: 36	UNSCHEDULED EQUIPMENT REMOVALS TOTAL: 14

TABLE 21 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIPM	MENT TYPE: WUC-11A01 RADOME)ME			
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE	10 10	EQUIPMENT GROUND ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE	0 0 0 0
101AL: 29	AIRCRAFT GENERAL	O	101AL: 0	AIRCRAFT GENERAL	0
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRO EQUIPMENT OPERATIONS ENVIRONMENTAL	1 2 13 14	EQUIPMENT AIR ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0000
TOTAL: 34	MAINIENANCE AIRCRAFT GENERAL	c –	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0 2 9	EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0000
10TAL: 28	MAINTENANCE AIRCRAFT GENERAL	10	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0

TABLE 22 NUMBER OF MIER'S DETECTED AND RETAINED

Ефигри	MENT TYPE: WUC-11A02 WINDSHIELD	DSHIELD			
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND TOTAL: 26	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	2874732	EQUIPMENT GROUND ABORTS TOTAL: 0	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	00000
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	1 7 6 12 2	EQUIPMENT AIR ABORTS TOTAL: 0	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	00000
EQUIPMENT TOTAL UNSCHEDULED REMOVALS TOTAL: 31	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	0 4 8 6 12	EQUIPMENT CANNIBALIZATIONS TOTAL: 7	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	0000

TABLE 23 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIPME	MENT TYPE: WUC-11K WINGS				
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	.0N	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND TOTAL: 36	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	2 2 11 4 10	EQUIPMENT GROUND ABORTS TOTAL: 8	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	0 0 0 0
EQUIPMENT TOTAL MAINTENANCE MANHOURS TOTAL: 34	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GEWERAL	10 10 6 9	EQUIPMENT AIR ABORTS TOTAL: 0	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	00000
EQUIPMENT TOTAL UNSCHEDULED REMOVALS TOTAL: 25	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	0 2 7 7 10 10	EQUIPMENT CANNIBALIZATIONS TOTAL: 20	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	0 0 7 8 8 1

TABLE 24 NUMBER OF MIER'S DETECTED AND RETAINED

ΕQUIP	EQUIPMENT TYPE: WUC-12B SEATS				
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	£ 4 8 7	EQUIPMENT GROUND ABORTS	MRD EQUIPMENT OPERATIONS	0000
T0TAL: 30	MAINTENANCE AIRCRAFT GENERAL	6-	TOTAL: ⁰	MAINTENANCE AIRCRAFT GENERAL	0
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS	1 2 8 8	EQUIPMENT AIR ABORTS	MRD EQUIPMENT OPERATIONS	0 0
TOTAL: 23	ENVINONMENTAL MAINTENANCE AIRCRAFT GENERAL	25.0	T0TAL: 1	ENVIRUNMENIAL MAINTENANCE AIRCRAFT GENERAL	0 0
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS	4 8	EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS	0000
TOTAL: 26	ENVINOMENTAL MAINTENANCE AIRCRAFT GENERAL	8 - 1	TOTAL: 0	ENVIKONMENIAL MAINTENANCE AIRCRAFT GENERAL	000

TABLE 25 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIPME	MENT TYPE: WUC-13A MAIN LANDING GEAR	I.ANDIN	3 GEAR		
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	.0v
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE	2 7 8 8 6 11	EQUIPMENT GROUND ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE	00000
101AL: 45	AIRCKAFI DENEKAL		101AL: 0	AIKCKAFI GENEKAL	>
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE	0 4 7 9 9	EQUIPMENT AIR ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE	000000
IDIAL: 35	AIRUKAFI GENEKAL		101AL: 0	AIRLKAFI UENEKAL	,
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS	0.50	EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS	000
T0TAL: 18	MAINTENANCE AIRCRAFT GENERAL	2	TOTAL: 0	ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	000

TABLE 26 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIP	EQUIPMENT TYPE: WUC-13D BRAKES	S.			
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	₩0.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND TOTAL: 14	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	2 7 2 2 0	EQUIPMENT GROUND ABORTS TOTAL: 22	MRD EQUI MENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	047740
EQUIPMENT TOTAL MAINTENANCE MANHOURS TOTAL: 23	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GEHERAL	20 20 20 20 20 20 20 20 20 20 20 20 20 2	EQUIPMENT AIR ABORTS TOTAL: 0	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	0 0 0 0 0 0
EQUIPMENT TOTAL UNSCHEDULED REMOVALS TOTAL: 20	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EQUIPMENT CANNIBALIZATIONS TOTAL: 18	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL NAINTENANCE AIRCRAFT GENERAL	0 2 8 1 7 0

TABLE 27 NUMBER OF MIER'S DETECTED AND RETAINED

Equif	EQUIPMENT TYPE: WUC-14C STABILATOR	ILATOR			
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	МО.
MAINTENANCE ACTION DEMAND TOTAL: 26	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	2 7 7 5 9	EQUIPMENT GROUND ABORTS TOTAL: 0	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	000000
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	28 4 4 3 5	EQUIPMENT AIR ABORTS TOTAL: 0	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERA!.	00000
EQUIPMENT TOTAL UNSCHEDULED REMOVALS TOTAL: 12	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	1346	EQUIPMENT CANNIBALIZATIONS TOTAL: 7	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE AIRCRAFT GENERAL	0 0 0 7 - 2

TABLE 28 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIP	EQUIPMENT TYPE: WUC-14D RUDDER	~			
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRO EQUIPMENT OPERATIONS ENVIRONMENTAL	2 0 9	EQUIPMENT GROUND ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0000
TOTAL: 27	MAINTENANCE AIRCRAFT GENERAL	6	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS	- 0 8 8	EQUIPMENT AIR ABORTS	MRD EQUIPMENT OPERATIONS	000
TOTAL: 21	MAINTENANCE AIRCRAFT GENERAL	0 4	TOTAL: 0	ENVINONMENIAL MAINTENANCE AIRCRAFT GENERAL	0
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS FNUTBONMENTAL	0 0 3 15	EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS	0000
T0TAL: 25	MAINTENANCE AIRCRAFT GENERAL	7 0	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0

TABLE 29 NUMBER OF MIER'S DETECTED AND RETAINED

ЕФИГРМ	MENT TYPE: WUC-148 FLAPS				
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE	3 5 6 3 11	EQUIPMENT GROUND ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL MAINTENANCE	00000
IOIAL: 29	AIRCKAFI GENEKAL	-	101AL: 0	AIRCKAFI GENEKAL	
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	24740	EQUIPMENT AIR ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0000
TOTAL: 28	MAINIENANCE AIRCRAFT GENERAL	2	T0TAL: 0	MAINIENANCE AIRCRAFT GENERAL	0
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0 2 7 4	EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS FNVIRONMENTAI	0 2 0 7
T0TAL: 23	MAINTENANCE AIRCRAFT GENERAL	60	TOTAL: 12	MAINTENANCE AIRCRAFT GENERAL	2

TABLE 30 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIP	EQUIPMENT TYPE: WUC-41A WATER	WATER SEPARATOR	TOR		
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS	3	EQUIPMENT GROUND ABORTS	MRD EQUIPMENT OPERATIONS	0000
T0TAL: 9	MAINTENANCE AIRCRAFT GENERAL)	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS FNUIRONMENTAI	2 - 2 - 2 - 5 - 5	EQUIPMENT AIR ABORTS	MRD EQUIPMENT OPERATIONS	0000
T0TAL: 13	MAINTENANCE AIRCRAFT GENERAL	2	T0TAL: 0	MAINTENANCE AIRCRAFT GENERAL	0 0
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS FNVIRONMENTAI	0 0 3	EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS	0 1 7
T0TAL: 9	MAINTENANCE AIRCRAFT GENERAL	2	T0TAL: 21	MAINTENANCE AIRCRAFT GENERAL	ဂထ ဝ

TABLE 31 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIPM	ENT TYPE: WUC-42A	GENERATOR ASSEMBLY	SEMBLY		
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	2 4 11	EQUIPMENT GROUND ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0 - 0
TOTAL: 35	MAINTENANCE AIRCRAFT GENERAL	11 6	TOTAL: 13	MAINTENANCE AIRCRAFT GENERAL	9 0
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	3 5 3 5	EQUIPMENT AIR ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0000
T0TAL: 20	MAINTENANCE AIRCRAFT GENERAL	9	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0 0
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAI	0 5 8	EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS FNVIRONMENTAL	0 2 4 1
T0TAL: 30	MAINTENANCE AIRCRAFT GENERAL	10 4	T0TAL: 11	MAINTENANCE AIRCRAFT GENERAL	2

TABLE 32 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIP	EQUIPMENT TYPE: WUC-44A01 AN	TI-C011	ANTI-COLLISION LIGHTS		
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	2 5 7	EQUIPMENT GROUND ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	
101AL: 30	MAINTENANCE AIRCRAFT GENERAL	0 0	T0TAL: 0	MAINTENANCE AIRCRAFT GENERAL	·- <u>-</u> -
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	2 5 5 9	EQUIPMENT AIR ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	2 2 2 0
T0TAL: 27	MAINTENANCE AIRCRAFT GENERAL	8 -	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	20
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL		EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS FNVIRONMENTAL	3 G D &
TOTAL: 25	MAINTENANCE AIRCRAFT GENERAL	8	TOTAL: 9	MAINTENANCE AIRCRAFT GENERAL	

TABLE 33 NUMBER OF MIER'S DETECTED AND RETAINED

Equip	EQUIPMENT TYPE: WUC-44AU2 LAN	DING/TA	LANDING/TAXI LIGHES		
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRO EQUIPMENT OPERATIONS ENVIRONMENTAL	3 6 3 2	EQUIPMENT GROUND ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	SC00
T0TAL: 27	MAINTENANCE AIRCRAFT GENERAL	3	T0TAL: 0	MAINTENANCE AIRCRAFT GENERAL	0
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	- 2 8 2	EQUIPMENT AIR ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0 0 0 0
TOTAL: 26	MAINTENANCE AIRCRAFT GENERAL	6 -	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0 0
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAI	0 2 2 5 5	EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS FNVIRONMENTAL	0 0 5
T0TAL: 13	MAINTENANCE AIRCRAFT GENERAL	٦ 4 ر	T0TAL: 7	MAINTENANCE AIRCRAFT GENERAL	0 2

TABLE 34 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIP	EQUIPMENT TYPE: WUC-45A HYDRAULIC PUMPS	AUL.IC P	UMPS		
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	.0ห	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	227 81	EQUIPMENT GROUND ABORTS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0000
T0TAL: 33	MAINIENANCE AIRCRAFT GENERAL	٦٣	T0TAL: 0	MAINIENANCE AIRCRAFT GENERAL	00
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS FNVIRONMENTAL	1 7 11	EQUIPMENT AIR ABORTS	MRO EQUIPMENT OPERATIONS FNVIRONMENTAL	0000
TOTAL: 37	MAINTENANCE AIRCRAFT GENERAL	12	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	000
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS FNUTRONMENTAL	0 2 12 8	EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0000
TOTAL: 36	MAINTENANCE AIRCRAFT GENERAL	00	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0

TABLE 35 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIP	EQUIPMENT TYPE: WUC-46A FUEL	TANKS			
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS	1 9	EQUIPMENT GROUND ABORTS	MRD EQUIPMENT OPERATIONS	0000
T0TAL: 25	MAINTENANCE AIRCRAFT GENERAL	, 8	TOTAL: 0	ANTINTENANCE AIRCRAFT GENERAL	000
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS	0 0 5	EQUIPMENT AIR ABORTS	MRD EQUIPMENT OPERATIONS	0000
TOTAL: 22	ENVINUMENTAL MAINTENANCE AIRCRAFT GEHERAL	<u>-</u> ოო	TOTAL: 0	ENVINONMENIAL MAINTENANCE AIRCRAFT GENERAL	0 0
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS	0 1 10 8	EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS	0000
TOTAL: 32	MAINTENANCE AIRCRAFT GENERAL	3 0 0	TOTAL: 0	ENVINONMENTAL MAINTENANCE AIRCRAFT GENERAL	000

TABLE 36 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIP	EQUIPMENT TYPE: WUC-47A01 0XY	OXYGEN REGULATOR	ULATOR		
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	2-2	EQUIPMENT GROUND ABORTS	MRO EQUIPMENT OPERATIONS ENVIRONMENTAL	0000
TOTAL: 17	MAINTENANCE AIRCRAFT GENERAL	2 2	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	000
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS	0 6	EQUIPMENT AIR ABORTS	MRD EQUIPMENT OPERATIONS	0000
TOTAL: 17	MAINTENANCE AIRCRAFT GENERAL	2 - 2	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAI	3	EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS ENVIPONMENTAL	0 0 0
TOTAL: 18	MAINTENANCE AIRCRAFT GENERAL	2	TOTAL: 9	MAINTENANCE AIRCRAFT GENERAL	2

TABLE 37 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIP	EQUIPMENT TYPE: WUC-47A02 LOX CONVERTER	X CONVE	RTER		
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	2 2 7 7	EQUIPMENT GROUND ABORTS	MRD EQUIPMENT OPERATIONS	0000
T0TAL: 39	MAINTENANCE AIRCRAFT GENERAL	7	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0 0
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS] 3 6	EQUIPMENT AIR ABORTS	MRD EQUIPMENT OPERATIONS	000
101AL: 40	MAINTENANCE AIRCRAFT GEMERAL	7	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0 0
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS	0 2 3	EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS	3
T0TAL: 18	AINTENANCE AIRCRAFT GENERAL	33 /	TOTAL: 12	ENVIKONMENIAL MAINTENANCE AIRCRAFT GENERAL	2 2

TABLE 38 NUMBER OF MIER'S DETECTED AND RETAINED

EQUIPM	MENT TYPE: WUC-49A FIRE DETECTION	DETECTI	NO		
MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.	MAINTENANCE RESOURCE DEMAND	MAINTENANCE IMPACT PARAMETER CATEGORY	NO.
MAINTENANCE ACTION DEMAND	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	2 3 0 8	EQUIPMENT GROUND ABORTS	MRD EQUIPMENT OPERATIONS FNVIRONMENTAL	0000
T0TAL: 19	MAINTENANCE AIRCRAFT GENERAL	- 5	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0
EQUIPMENT TOTAL MAINTENANCE MANHOURS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	1 1 9	EQUIPMENT AIR ABORTS	MRO EQUIPMENT OPERATIONS ENVIRONMENTAL	0 0 0
10TAL: 20	MAINTENANCE AIRCRAFT GENERAL	2	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0
EQUIPMENT TOTAL UNSCHEDULED REMOVALS	MRD EQUIPMENT OPERATIONS FNVIRONMENTAI	0 2 2 6	EQUIPMENT CANNIBALIZATIONS	MRD EQUIPMENT OPERATIONS ENVIRONMENTAL	0000
T0TAL: 13	MAINTENANCE AIRCRAFT GENERAL	2	TOTAL: 0	MAINTENANCE AIRCRAFT GENERAL	0

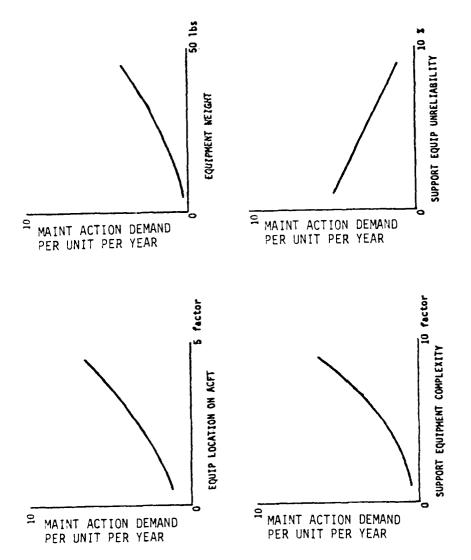
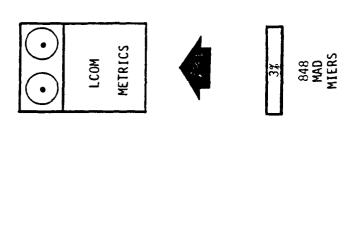


FIGURE 5 TYPICAL MIER'S (TACAN SET)

5. TASK V - SUMMARY

This task included the quantification and normalization of the source data accumulated during the first four tasks, and the tabulation of this data into a Master Input Data File (see Appendix A) suitable for computer input and processing. Processing the data with the "PKING" crossplotting and regression analysis program resulted in the generation of 26,460 scattergrams of the selected Maintenance Resource Demand (MRD) parameters as functions of the various candidate Maintenance Impact Parameters in the categories of MRD, Equipment, Operations, Environmental, Maintenance, and Aircraft General. These scattergrams were screened according to the criteria of (1) 0.5 or better correlation coefficient of regression; or -- (2) Visually apparent curvilinear relationship; with -- (3) Acceptable data point distribution; and -- (4) At least 5 data points, 4 of which are non-zero in both ordinate abscissa. The screening process resulted in the rejection of 91% of the trial relationships tested. The remaining 9% (2,409 scattergrams) were collated in a Maintenance Impact Estimating Relationship (MIER) catalog and published as Boeing supplements to this report. Eight hundred forty-eight of these relationships involved the MRD parameter "Maintenance Action Demand" as a function of various Maintenance Impact Parameters. These significant relationships were used to influence or develop better metrics from LCOM during Tasks VI and VII. The remaining 1,561 MIER's composed of the other MRD functions have been cataloged in Supplement I and Supplement II to this report and are available for future studies and related research. Figure 6 summarizes the breakdown of the scattergrams generated, tested, and retained.



C MAINT.
D EST.
E RELATIONSHIPS
D SHIPS
D SH

AIRCRAFT
GENERAL
11%
EQUIPMENT
& MRD
21%
22%
22%
22%
OPS
24%

SCATTERPLOTS 26,460 GENERATED AND TESTED FIGURE 6 TASK 5 - SUMMARY

SYNOPSIS

This report describes the work accomplished under Task V of an eight task study to: "Develop Maintenance METRICS To Forecast Resource Demands of Weapon Systems." The work discussed in this interim report was accomplished between 1 August 1978 and 15 October 1979 during Phase I of this study (examination of aircraft avionics and engines), and Phase II (examination of remaining aircraft systems. The purpose of Task V was to detect and derive significant causal relationships between Maintenance Resource Demands and selected candidate Maintenance Impact Parameters utilizing the data base of historical field experience data accumulated on these parameters during the first four tasks of the study. The significant relationships thus derived from the source material for developing improved LCOM maintenance metrics during Tasks VI and VII of this study.

Results of work accomplished during this task and included in this report are: 1) development of 848 Maintenance Action Demand MIER's to be used to develop improved LCOM maintenance metrics under Tasks VI and VII; 2) development 1,561 other Maintenance Resource Demand MIER's which are now available as source data for follow-on and related research.

2. PROBLEMS

No significant problems were encountered during the Phase I and Phase II work on Task V. All intended work was accomplished on schedule and within the resources budgeted for this portion of the study.

THE BOEING COMPANY

	REVISIONS		·
_TR	DESCRIPTION	DATE	APPROVAL
A	Complete Revision.		GR Herrold
:			

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GLOSSARY OF ABBREVIATIONS

ACFT Aircraft

AFB Air Force Base

AFHRL Air Force Human Resources Laboratory

AFMEA Air Force Management Engineering Agency

AGE Aerospace Ground Equipment

AMS Avionics Maintenance Squadron

AVG Average

BIT Built In Test

3MW Bomb Wing

CU Cubic

EAC Experience Analysis Center

FOD Foreign Objects Damage

FT Feet

FTW Fighter Training Wind

HF High Frequency

HR Hour

HRS Hours

IFF Identify Friend or Foe

LB's Pounds

LCOM Logistic Composite Model

MAC Military Airlift Command

MAINT Maintenance

MAW Military Airlift Wing

MH Manhour

MIER Maintenance Impact Estimating Relationship

76

GLOSSARY OF ABBREVIATIONS CONT'D

MIN Minute

MMH Maintenance Manhour

MMM Maintenance Manpower Model

MO Month

MRD Maintenance Resource Demand

10 Number

NORM Not Operational Ready Maintenance

NORS Not Operational Ready Supply

OCALC Oklahoma City Air Logistics Center

CR Operational Ready

ORG Organization

O&S Operations and Support

SAALC San Antonio Air Logistics Center

SAC Strategic Air Command

SPSS Statistical Package for the Social Sciences

SRU Shop Removable Unit

TAC Tactical Air Command

TACAN Tactical Air Navigation

TFW Tactical Fighter Wing

Technical Order

TTW Tactical Training Wing

UHF Ultra High Frequency

USAFE United States Air Forces Europe

WUC Work Unit Code

WT Weight

APPEMDIX A

STUDY PARAMETER IDENTIFICATION

AND

INPUT DATA TABLES

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TABLE A-1 ENGINE PARAMETERS

VARTABLE		KIND OF	
RUMBER	LABEL NAME	DATA REAL/SCALED	UNIT OF MEASURE
101	Maint. Action Demand Per Acft.	Real	No./Acft.
P02	Total No. of Installed Engines	Real	Total Number
P03	Take-Off Thrust Per Engine	Real	18's/10
F04	Weight Per Engine	Real	18's/10
P05	Volume Per Engine	Real	Cu. Ft./10
P06	Density Per Engine	Real	Cu. Ft./10 (Transform P04,P05)
P07	No. Compressor Sections Per Engine	Real	Number
P08	No. Compressor Blades Per Engine	Real	Number
F09	Turbine Section Size	Real	Feet
P10	Max. Engine Combustion Temp.	Real	Degrees "C"
P11	Max. Engine Fuel Flow	Real	18's/Hr.
P12	Min. Engine Fuel Flow	Real	18's/IIr.
P13	Engine Prime Depot	Scaled	Number (Scaled Value)
P14	Engine Aye Availability	Real	Percent

TABLE A-1 ENGINE PARAMETERS CONT'D

UNIT OF MEASURE Weighted Value No./Acft. No./Acft No./Acft No./Acft. No./Acft. No./Acft. No./Acft Manhours Percent DATA REAL/SCALED KIND OF Scaled Redl Real Rea] Real Real Real Real Real Real Total Maint. Manhours Per Installed Engine Total Engine Maint. Manhours Per Acft. Engine Parts Cannibilization Per Acft. Unscheduled Engine Removals Per Acft. Scheduled Engine Removals Per Acft. Total Engine Removals Per Acft. Engine Ground Aborts Per Acft. LABEL NAME Engine Air Aborts Per Acft. Engine Age Unreliability Engine Vibration Factors VARIABIE 1.0. RUMBER 115 P16 P17 P18 P19 P20 P22 P23 P24 P21

TABLE A-2 SYSTEM 23 ENGINE PARAMETER INPUT DATA

A-10A DAVIS- MONTHAN AFB	8.74 46.00 906.50 142.70 8.80 16.22 2.00 1091.00 4.00 4.00 100.00 80.00 100.13 200.25 3.09 3.09 3.09 3.57 3.57
A-10A MYRTLE BEACH AFB	0.42 38.00 906.90 142.70 8.80 16.22 2.00 1091.00 2.00 413.00 2.5.00 4.00 75.00 1.00 1.00 0.21 0.21 0.21 0.21 0.02 6.05
T-38A RANDOLPH AFB	18.88 166.00 384.90 51.60 2.07 24.93 8.00 807.00 1.40 925.00 2.00 223.29 446.57 9.21 0.04 2.63 1.05 6.01
KC-135A FAIRCHILD AFB	77.52 108.00 1120.00 432.00 11.41 37.86 2.00 1135.00 2.19 730.00 1250.00 1050.00 15.04 15.04 14.93 0.11 0.07
C-141A TRAVIS AFB	193.47 128.00 2100.00 461.20 18.89 24.42 2.00 1087.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
FB-111A PLATTSBURGH AFB	49.91 64.00 2000.00 490.00 20.76 23.60 3.00 1024.00 Void 1213.00 5600.00 100.00 1.00 13.19 12.63 0.56 0.53 0.51 1.62
B-52G FAIRCHILD AFB	116.87 120.00 1100.00 380.70 11.41 33.37 2.00 1135.00 1250.00 1250.00 129.84 1038.75 26.07 26.07 26.07 26.07 26.07 0.07 0.07
F-15A BITBURG AB	56.63 64.00 2500.00 300.00 6.20 48.38 2.00 982.00 1.85 990.00 1000.00 1.00 1.00 1.00 1.00 1.00
F-15A LUKE AFB	28.10 58.00 302.10 302.10 6.19 48.80 2.00 990.00 3940.00 1.85 990.00 3040.00 1.85 990.00 1.85 990.00 1.85 990.00 1.85 990.00 1.85 990.00 1.85 990.00 1.85 990.00 1.85 990.00 1.85 990.00 1.85 990.00 1.85 990.00 1.85 990.00 1.85 990.00 900.00
VARIABLE I.D. NUMBER	P01 P02 P03 P04 P05 P06 P09 P11 P12 P13 P14 P19 P20 P21 P21 P22 P23

TABLE A-3 AVIONICS PARAMETERS

VARTABI E		KIND OF	
I.D. NUMBER	LABEL NAME	DATA REAL/SCALED	UNIT OF MEASURE
A01	Maint. Action Demand Per Acft.	Rea l	No./Acft.
A02	Equipment Location on Acft.	Scaled	Weighted Number
A03	Equipment Weight	Real	18's
A04	Equipment Volume	Rea 1	Cu. In.
A05	SRU Count	Real	Number of SRU's
A06	Operating Temperature	Scaled	Weighted Number
A0.7	Cooling Method	Scaled	Weighted Number
AOB	Protection Devices	Scaled	Weighted Number
A09	Number of Test Points (Org. Level)	Rea 1	Number
A10	Required Age	Scaled	Weighted Number
A11	Aye Availability	Real	Percent
A12	Age Unreliability	Real	Percent
A13	Avg. Operating Time Per Sortie	Real	Hours
A14	Failure/Malfunction Causes	Scaled	Weighted Number

TABLE A-3 AVIONICS PARAMETERS CONT'D

Cu. In. (Transform A03, A04) UNIT OF MEASURE Number/10 Fly Hr. Number/Sortie No./Acft. No./Acft. No./Acft. No./Acft. No./Acft. No./Acft No./Acft Percent Percent Percent KIND OF DATA REAL/SCALED Real Rea 1 Rea 1 Real Real Rea l Real Real Real Real Real Real Rea 1 Equipment Total Maint. Man Hr. Per Acft. Equipment Unscheduled Removals Per Acft. Equipment Scheduled Removals Per Acft. Equipment Cannibilizations Per Acft. Equipment Total Removals Per Acft. Equipment Ground Aborts Per Acft. Equipment Air Aborts Per Acft. Ground/Flight Operating Ratio On Off Cycles Per Flying Hour LABEL NAME On-Off Cycles Per Sortie Failure/Abort Ratio Equipment Density Retest OK Rate VARTABLE 1.D. NUMBLR A15 **A16** A17 A18 A19 A20 A22 A2.3 A24 A25 A26 A21 A27

TABLE A-4 SYSTEM 51A FLIGHT INDICATORS PARAMETER INPUT DATA

A-10A DAVIS- MONTHAN AFB	1.48 1.00 1.29 39.18 1.00 69.00 4.00 0.00 1.72 44.00 7.00 7.00 10.00 94.00 94.00 94.00 1.17 1.17 1.17 1.17 1.17 0.00 0.00 0.00 0.00
A-10A MYRTLE BEACH AFB	0.05 1.00 0.56 66.74 1.00 0.00 0.00 0.00 1.90 1.90 1.90 1.90
T-38A RANDOLPH AFB	2.84 1.00 4.75 131.45 1.00 76.70 1.00 4.00 0.00 0.00 1.38 5.00 22.00 7.25 7.25 1.00 248.00 62.00 Void 12.82 2.84 0.00 0.00 0.00
KC-135A FAIRCHILD AFB	0.70 1.00 75.38 1.00
C-141A TRAVIS AFB	6.63 1.00 1.00 1.00 1.00 1.00 1.00 0.92 0.00 96.00 96.00 5.00 1.00 231.00 67.00 7.00 1.00 2.44 2.44 2.44 0.03 0.03
FB-111A PLATTSBURGH AFB	7.19 1.00 1.78.90 1.00 1.00 1.00 58.50 1.00 6.00 96.00 5.00 21.00 29.30 4.66 4.66 0.00 0.00 0.00
B-52G FAIRCHILD AFB	0.80 1.00 1.00 1.00 1.00 47.00 3.00 3.00 1.00 1.21 1.21 1.21 1.00 17.00 100.00 17.00 100.00 113 0.13 0.00 0.00
F-15A BITBURG AB	0.88 1.00 0.72 0.72 70.14 1.00 47.00 1.00 4.00 1.00 5.00 1.51 5.00 78.20 78.20 78.20 78.20 78.20 0.00 0.00 0.00
F-15A LUKE AFB	1.58 2.72 65.30 1.00 71.00 71.00 3.80 6.00 6.00 7.94 1.00 7.94 1.00 7.94 1.00 7.94 1.00 7.94 1.00 7.94 1.00 9.00 0.00
VARIABLE I.D. NUMBER	A01 A02 A03 A04 A05 A06 A07 A08 A09 A10 A11 A12 A13 A14 A13 A14 A13 A20 A21 A21 A25 A26 A27

TABLE A-5 SYSTEM 51E AIR DATA SYSTEM PARAMETER INPUT DATA

A-10A DAVIS- MONTHAN AFB	3.43 3.44.63 1.00 70.00 1.90 4.20 4.20 4.33 70.00 6.00 88.00 6.00 88.00 70.00 0.00 0.35 0.35 0.35
A-10A MYRTLE BEACH AFB	0.05 3.08 14.73 848.10 1.00 63.00 1.98 0.04 0.00 10.00 1.00 1.00 1.00 95.00 0.00 0.00 0.00 0.00
T-38A RANDOLPH AFB	1.34 2.47 4.17 283.70 1.00 69.00 1.00 3.41 0.00 10.00 1.38 5.72 7.25 7.25 1.00 12.00 75.00 75.00 0.01 0.01
KC-135A FAIRCHILD AFB	3.30 1.00 2.07 180.10 2.17 47.00 0.00 96.00 1.39 1.39 1.39 1.39 1.39 1.00 50.00 0.00 0.00 0.00
C-141A TRAVIS AFB	7.88 3.00 34.80 557.48 1.00 85.00 1.00 0.85 6.00 100.00 2.00 2.00 2.00 2.00 2.00 2.00
FB-111A PLATTSBURGH AFB	7.13 4.60 1324.86 12.61 44.00 1.00 0.00 4.82 99.00 5.00 5.00 77.00 77.00 77.00 77.00 76.99 5.16 6.00 0.00
B-52G FAIRCHILD AFB	3.47 2.04 2.04 5.06 1.00 32.00 1.08 1.57 1.04 4.19 88.00 0.00 60.00 Void 1.13 1.13 1.13 0.00 0.00
F-15A BITBURG AB	0.94 3.00 12.44 461.04 1.00 56.49 1.73 4.00 16.14 4.31 100.00 1.35 1.51 5.00 70.00 Void 1.47 0.47 0.06 0.06
F-15A LUKE AFB	1.38 3.00 14.70 569.04 16.84 71.00 4.88 0.00 99.00 1.26 5.00 78.00 78.00 1.00 1.21 1.21 1.21 0.00 0.03
VARIABLE I.O. NUMBER	A01 A02 A02 A04 A05 A05 A06 A10 A11 A13 A21 A22 A22 A23 A24 A25 A25

TABLE A-6 SYSTEM 51N HORIZONTAL SITUATION INDICATING PARAMETER INPUT DATA

A-10A DAVIS- MONTHAN AFB	1.26 1.76 4.71 284.66 1.76 69.00 2.86 0.00 6.84 3.00 12.00 12.00 4.88 13.00 12.00 6.00 6.00 6.00 7.69 1.09 0.00 0.00
A-10A MYRTLE BEACH AFB	0.00 2.00 2.00 2.00 2.00 69.00 2.50 0.00 93.00 13.00 13.00 13.00 13.00 0.00 0.00 0
T-38A RANDOLPH AFB	1.69 1.00 8.50 202.50 1.00 1.00 1.00 4.00 1.00 0.00 20.00 7.25 7.25 7.25 7.25 1.00 60.00 60.00 60.00 0.00 0.00 0.00
KC-135A FAIRCHILD AFB	1.56 3.49 390.60 1.98 47.00 1.49 0.00 98.00 5.00 1.00 1.00 1.00 1.19 1.19 0.00 0.00 0
C-141A TRAVIS AFB	5.50 1.58 377.40 1.00 85.00 1.00 4.00 6.00 100.00 2.00 3.76 5.00 19.00 72.00 72.00 72.00 0.00 0.00
FB-111A PLATTSBURGH AFB	2.25 1.30 339.15 1.00 47.15 1.00 6.00 91.00 19.00 19.00 10.00 10.53 1.66 0.00 0.00 0.00
B-52G FAIRCHILD AFB	5.27 1.00 1.00 406.08 1.00 1.00 0.00 0.00 0.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 0.00 0
F-15A BITBURG AB	2.09 1.72 4.44 224.40 0.00 52.30 1.36 4.00 100.00 5.00 1.51 5.36 5.00 1.51 1.51 1.51 1.51 1.51 1.51 1.51
F-15A LUKE AFB	1.28 0.78 6.85 750.12 2.76 65.71 2.00 100.00 1.26 4.22 2.20 7.94 7.94 1.00 99.00 Void 16.56 0.97 0.97
YARIABLE I.D. NUMBER	A01 A02 A03 A04 A05 A07 A08 A11 A12 A13 A13 A13 A21 A22 A23 A22 A23 A24 A27

TABLE A-7 SYSTEM 52A AUTOPILOT PARAMETER INPUT DATA

A-10A DAVIS- MONTHAN AFB	2.70 6.95 334.80 7.85 69.00 1.00 1.00 95.60 95.60 2.05 4.30 4.30 4.30 82.00 82.00 1.04 1.04 1.04 1.04 1.13
A-10A MYRTLE BEACH AFB	0.11 2.00 4.50 234.00 7.50 63.00 1.00 1.00 5.00 5.00 5.00 5.00 1.00 1
T-38A RANDOLPH AFB	0.46 3.86 2.35 44.61 1.32 74.05 1.00 4.00 0.34 4.00 1.22 5.00 1.20 1.20 1.20 83.00 83.00 83.00 0.00 0.00 0.00 0.00
KC-135A FAIRCHILD AFB	5.67 5.04 18.14 976.09 4.32 47.00 1.96 0.00 0.00 6.01 5.00 25.00 1.66 1.00 25.00 85.00 85.00 85.00 0.00 0.00 0.00 0.
C-141A TRAVIS AFB	7.59 4.50 2.27 370.42 1.66 61.00 1.00 4.00 3.28 6.00 95.00 5.00 3.76 5.00 3.76 5.00 7.16 7.16 7.16 0.00 0.00 0.00
FB-111A PLATTSBURGH AFB	9.91 3.00 17.78 827.96 12.80 44.00 1.66 0.00 0.00 90.00 3.75 5.00 19.00 78.00 78.00 78.00 9.22 9.22 9.22 9.22 9.22
B-52G FAIRCHILD AFB	7.53 1.79 30.55 1760.02 4.15 47.00 3.37 0.42 0.00 1.99 100.00 7.43 5.22 57.00 1.35 1.00 1.35 1.00 0.00 6.53 6.53 6.53 6.53 0.00
F-15A BITBURG AB	0.88 3.00 11.00 432.00 6.00 47.00 2.00 1.00 5.00 1.51 5.00 5.00 5.00 5.00 5
F-15A LUKE AFB	1.21 1.00 11.75 607.68 17.15 71.00 1.00 6.00 11.00 7.94 7.94 7.94 1.00 94.00 94.00 94.27 1.03 1.03 0.00 0.00
VARIABLE I.D. NUMBER	A01 A02 A03 A04 A05 A06 A07 A07 A11 A12 A18 A18 A20 A21 A21 A22 A23 A24 A27

SYSTEM 63A UHF COMMUNICATION SET PARAMETER INPUT DATA TABLE A-8

A-10A DAVIS- MONTHAN AFB	0.00 1.00 9.25 241.63 5.00 47.30 1.00 4.00 18.00 2.00 15.00 15.00 80.00 80.00 80.00 0.52 0.00 0.00 0.00
A-10A MYRTLE BEACH AFB	0.00 1.00 1.00 5.00 60.00 1.00 37.00 1.00 0.00 0.00 0.00 0.00 0.00 0.00
T-38A RANDOLPH AFB	4.25 2.00 45.50 1583.90 8.00 32.00 2.00 4.00 100.00 0.00 1.38 5.00 7.25 7.25 1.00 95.00 95.00 4.20 0.20 0.20 0.20 0.20
KC-135A FAIRCHILD AFB	12.26 1.00 41.65 1474.15 6.52 32.00 1.00 0.00 11.04 4.95 2.24 9.00 17.00 91.00 17.00 91.00 17.00 91.00 17.00 91.00 0.00 0.00
C-141A TRAVIS AFB	24.00 2.72 47.87 1526.90 8.74 60.80 1.86 4.00 0.86 6.00 96.00 6.00 96.00 1.00 1.00 1.00 1.38 11.38 0.00 0.00 0.00
FB-111A PLATTSBURGH AFB	7.34 1.63 19.19 7.30 80.00 1.63 1.83 30.50 7.00 7.00 10.00 97.00 97.00 95.02 4.50 0.00 0.00
B-52G FAIRCHILD AFB	6.93 39.55 1395.00 6.22 32.00 1.00 10.44 4.00 91.00 1.21 1.21 1.21 1.21 1.20 79.53 5.13 6.00 0.00
F-15A BITBURG AB	5.03 3.00 26.00 750.90 9.62 47.00 7.00 0.00 6.00 95.00 1.51 1.51 1.00 86.62 6.62 1.51 1.00 2.00 1.00 6.62 6.00 95.00 0.00 0.00
F-15A LUKE AFB	4.31 26.43 802.50 12.28 47.50 1.82 3.18 71.20 6.00 99.00 43.00 43.00 7.94 7.95 7.96 7.96 7.96 7.97 7.9
VARIABLE I.D. NUMBER	A01 A02 A03 A04 A05 A07 A08 A10 A10 A11 A12 A12 A20 A21 A21 A22 A23 A23 A24 A27

TABLE A-9 SYSTEM 65A TRANSPONDER SET PARAMETER INPUT DATA

<u></u>	
A-10A DAVIS- MONTHAN AFB	0.00 14.40 378.32 19.00 69.00 10.00 10.00 15.00 25.00 25.00 25.00 14.43 0.39 0.00 0.00
A-10A MYRTLE BEACH AFB	0.11 313.80 22.00 60.00 1.00 3.00 89.00 1.00 1.90 6.00 95.00 95.00 95.00 0.11 0.11
T-38A RANDOLPH AFB	2.22 11.74 465.23 3.97 63.39 63.39 1.33 1.33 7.25 17.00 0.00 0.00 98.00 Void 10.12 2.22 2.22 2.22 2.22 2.22 0.00
KC-135A FAIRCHILD AFB	1.07 1.00 11.03 3127.68 8.31 47.00 1.31 4.00 24.13 3.60 3.00 43.00 43.00 62.00 7.00 62.00 7.00 62.00 0.63 0.63 0.00 0.00
C-141A TRAVIS AFB	2.44 3.00 27.00 1435.10 7.84 61.00 1.00 95.00 0.00 95.00 1.00 1.00 1.00 1.00 1.00 1.00 0.00 0.00 0.00 0.00 0.00
FB-111A PLATTSBURGH AFB	3.03 7.00 29.00 1844.00 9.00 40.00 1.00 10.00 10.00 2.67 1.00 10.00 90.00 90.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00
B-52G FAIRCHILD AFB	2.47 3.00 10.50 3058.56 8.27 47.00 2.08 4.00 4.00 4.00 43.00 43.00 43.00 6.00 6.00 61.00 61.00 60.00 0.00
F-15A BITBURG AB	2.22 3.00 14.30 376.00 19.00 60.00 7.00 7.00 95.00 95.00 95.00 10.00 86.62 1.51 7.00 1.53 1.53 1.53 1.53 0.00 0.00
F-15A LUKE AFB	0.90 3.00 14.30 8.00 105.80 1.00 3.00 5.00 6.00 99.00 75.00 7.94 1.00 7.94 1.00 7.94 1.00 0.00 0.70 0.00 0.00
VARIABLE I.D. NUMBER	401 403 404 404 405 406 406 407 408 408 408 408 409 408 408 408 409 408 408 408 408 408 408 408 408

TABLE A-10 SYSTEM 71A INERTIAL NAVIGATION SET PARAMETER INPUT DATA

A-10A DAVIS- MONTHAN AFB	N/A
A-10A MYRTLE BEACH AFB	N/N A/A
T-38A RANDOLPH AFB	9.00 7.00 7.00 6.00 1.00 1.00 0.00 0.00 0.00 0.00 0
KC-135A FAIRCHILD AFB	N/A
C-141A TRAVIS AFB	2.40 39.90 1280.50 Void 98.60 1.70 3.70 6.00 Void 1.00 1.00 1.69 0.25 0.25 0.00 0.00 0.00 0.00
FB-111A PLATTSBURGH AFB	18.03 2.00 2.00 44.00 44.00 2.00 0.00 6.00 75.00 5.00 2.67 1.00 162.00 80.00 80.00 80.00 17.19 17.19 17.19 17.19 17.19
B-52G FAIRCHILD AFB	N/A H/A
F-15A BITBURG AB	4.34 2.52 32.32 1387.20 18.65 47.00 2.00 7.04 0.00 6.00 6.00 6.00 1.93 1.93 1.93 5.00 1.93 5.00 1.93 7.04 7.04 7.04 7.04 7.04 7.04 7.04 7.04 7.04 7.04 7.04 7.04 7.04 7.04 7.04 7.04 7.04 7.04 7.06 7.06 7.06 7.06 7.07 7.06 7.06 7.06 7.07 7.06
F-15A LUKE AFB	5.45 2.30 28.80 1171.60 11.15 47.50 1.30 5.00 6.00 14.00 1.26 5.00 37.00 7.94 7.94 7.94 4.97 4.97 6.00 0.00 0.00 4.97 4.97 6.00 100.00 130 6.00 100.00 126 5.00 126 5.00 126 6.00 126 7.94 7.94 7.94 7.94 7.94 7.94 7.94 7.94
VARIABLE I.D. NUMBER	A02 A02 A04 A04 A05 A05 A07 A11 A13 A21 A21 A22 A22 A23 A23 A23 A24
	=

TABLE A-11 SYSTEM 71C INSTRUMENT LANDING SET PARAMETER INPUT DATA

A-10A DAVIS- MONTHAN AFB	N/A N/A
A-10A MYRTLE BEACH AFB	N/A
T-38A RANDOLPH AFB	0.76 2.00 2.00 4.26 46.00 2.00 4.00 0.00 0.00 0.00 95.00 95.00 95.00 95.00 95.00 0.00 0
KC-135A FAIRCHILD AFB	0.26 306.42 1.14 47.00 2.00 4.00 8.00 100.00 100.00 100.00 445 5.00 3.00 445 7.00 100.00 0.22 0.22 0.22 0.00 0.00
C-141A TRAVIS AFB	1.94 3.00 4.04 102.14 3.42 71.66 1.00 4.00 6.00 95.00 5.00 5.00 5.00 5.00 75.00 75.00 75.00 10.00 13.55 1.41 1.41 1.41 1.41
FB-111A PLATTSBURGH AFB	1.00 3.00 3.00 3.00 46.40 1.00 0.00 10.00
B-52G FAIRCHILD AFB	0.93 1.02 7.97 302.20 1.00 47.00 47.00 10.00 10.00 10.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 16.00 16.00 16.00 16.00 16.00 17.00 18.00 18.00 19.00 10.00
F-15A BITBURG AB	0.03 N/A N/A 1.27 0.03 0.00 0.00 0.00
F-15A LUKE AFB	0.52 3.00 16.50 16.00 35.00 3.00 3.00 Void 7.94 7.94 7.94 7.94 7.94 7.94 7.94 7.94
VARIABLE I.D. NUMBER	A01 A03 A04 A05 A05 A05 A10 A13 A13 A13 A14 A13 A14 A13 A15 A15 A16 A16 A16 A16 A16 A17

BOEING AEROSPACE CO SEATTLE WA PRODUCT SUPPORT/EXPER-ETC F/6 1/3
DEVELOPMENT OF MAINTENANCE METRICS TO FORECAST RESOURCE DEMANOS--ETC(U)
OCT 80 D K HINDES, 6 A WALKER, D H WILSON F33615-77-C-0075 AD-A097 692 OCT 80 D K HINDES, 6 A WALKER, D H WILSON D194-10089-2 UNCLASSIFIED ML. 2 0 4 85<u>9769</u>2

TABLE A-12 SYSTEM 71D TACAN SET PARAMETER INPUT DATA

A-10A DAVIS- MONTHAN AFB	0.30 1.28 1.28 1.00 94.60 1.00 0.00 10.00 10.00 10.00 10.00 1.00 85.00 10.00 10.00 0.26 0.26 0.00
A-10A MYRTLE BEACH AFB	0.00 14.30 14.30 1.00 94.60 2.50 2.50 4.00 0.00 1.90 1.90 5.00 Void Void Void Void Void Void Void Void
T-38A RANDOLPH AFB	0.77 2.00 2.00 1434.10 14.00 69.00 2.00 4.00 0.00 0.00 1.38 5.00 15.00 1.00 98.00 Void 1.00 98.00 Void 0.00 0.00 0.00
KC-135A FAIRCHILD AFB	3.15 1.00 45.00 1.00 47.00 2.00 47.00 5.00 5.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 6.00 6
C-141A TRAVIS AFB	11.38 3.00 1672.00 11.00 61.00 2.00 3.00 0.00 0.00 1.00 1.00 1.00 1.00 1
FB-111A PLATTSBURGH AFB	2.00 27.60 889.50 8.00 44.00 2.00 3.00 3.00 55.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00
B-52G FAIRCHILD AFB	3.60 1.00 1.00 1.00 47.00 1.00 0.00 0.00 0.00 0.00 0.00 0.00
F-15A BITBURG AB	1.56 3.00 29.80 866.50 11.00 47.00 7.00 0.00 95.00 1.51 1.51 1.00 25.00 95.00 1.00 1.38 1.38 1.38 0.00
F-15A LUKE AFB	1.93 3.00 29.00 864.00 11.00 71.00 3.00 0.00 1.26 6.00 75.00 75.00 75.00 75.00 0.03 0.03
VARIABLE I.D. NUMBER	A01 A02 A03 A04 A05 A06 A06 A06 A07 A03 A03 A03 A23 A23 A23 A24 A25 A25 A25 A27

TABLE A-13 SYSTEM 71F ATTITUDE HEADING REFERENCE SET PARAMETER INPUT DATA

A-10A DAVIS- MONTHAN AFB	1.61 2.00 12.55 460.11 3.45 69.00 0.00 40.00 10.00 10.00 10.00 1.57 1.57 1.57
A-10A MYRTLE BEACH AFB	0.00 458.50 458.50 63.00 63.00 60.00 7.00 1.00 1.00 0.00 0.00 0.00 0.00
T-38A RANDOLPH AFB	4.24 2.79 18.32 408.90 1.00 29.87 1.00 4.00 1.89 Void 0.00 0.00 20.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 90.00 1.38 7.25 1.00 1.38 1.25 1.00 1.38 1.38 1.38 1.38 1.38 1.38 1.38 1.38
KC-135A FAIRCHILD AFB	1.70 1.00 250.00 1.00 47.00 1.00 1.00 0.00 0.00 0.00 1.00 17.00 1.00 1
C-141A TRAVIS AFB	0.09 3.00 15.14 853.69 7.95 61.89 1.00 4.00 0.00 3.00 3.76 5.00 50.00 50.00 198.00 50.00 0.06 0.06 0.06 0.06
FB-111A PLATTSBURGH AFB	5.91 2.00 9.88 324.10 6.28 44.00 1.00 0.00 7.00 3.75 5.44 42.00 7.00 3.75 5.67 1.00 66.00 37.00 86.00 37.00 90.00 0.00 0.00
8-52G FAIRCHILD AFB	5.20 1.00 6.10 6.10 1.00 1.00 1.00 1.10 95.00 11.00 17
F-15A BITBURG AB	1.31 1.00 13.56 591.00 0.00 60.00 1.52 4.00 9999.00 75.20 75.20 75.20 75.20 75.20 1.19 0.00 0.00 0.00
F-15A LUKE AFB	1.79 13.90 601.96 7.72 7.72 7.00 1.00 1.26 60.00 1.26 95.00 95.00 95.00 95.00 0.00 0.00
VARIABLE I.D. NUMBER	A01 A02 A03 A04 A05 A05 A05 A10 A12 A13 A13 A20 A21 A22 A22 A22 A22 A23 A23 A24
	95

TABLE A-14 SYSTEM 74F RADAR SET PARAMETER INPUT DATA

AFB	
A-10A DAVIS- MONTHAN	0.61 33.29 39.10 6.94 63.00 0.99 3.96 24.75 4.95 75.00 75.00 75.00 75.00 75.00 0.01d 0.01d 0.01d 0.01d 0.01d 0.01d 0.01d
A-10A MYRTLE BEACH AFB	0.00 2.40 2.40 2.40 66.00 1.00 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 10.00
T-38A RANDOLPH AFB	N/A
KC-135A FAIRCHILD AFB	8.37 2.14 54.20 6289.92 11.57 47.00 4.00 4.00 4.00 7.00 7.00 87.00 87.00 87.00 87.00 93.61 6.59 6.59 6.59 6.59
C-141A TRAVIS AFB	21.19 3.90 49.78 1629.70 4.68 61.00 0.00 0.00 0.00 1.00 1.00 1.00 1.0
FB-111A PLATTSBURGH AFB	15.53 1.49 74.00 4487.04 33.83 55.00 2.00 0.84 138.01 6.00 55.00 55.00 55.00 23.00 23.00 23.00 23.00 23.00 24.00 2.00 25.00 27.00 12.75 13.00 13.00 13.00 14.00 15.00 16.00 16.00 17.75 17.7
B-52G FAIRCHILD AFB	15.60 2.18 2.18 7076.16 7.53 47.00 2.00 4.00 13.81 4.50 98.00 0.00 91.00 91.00 79.46 12.80 0.00 0.00 0.00 0.00
F-15A BITBURG AB	11.13 3.00 61.11 1442.80 12.49 85.00 2.60 12.00 0.00 6.00 58.38 0.76 1.51 5.00 29.14 6.62 1.51 1.51 1.51 5.00 0.00 0.03 0.03 0.03
F-15A LUKE AFB	13.24 2.00 2.00 2.00 10.75 10.75 108.96 2.23 4.00 150.39 6.00 98.00 98.00 7.94 7.94 1.26 5.37 23.00 100.00 12.31 12.31 12.31 12.31 12.31 9.00
VARIABLE I.D. NUMBER	A01 A02 A03 A04 A06 A06 A09 A09 A11 A13 A20 A20 A21 A21 A22 A23 A23 A23 A24 A23 A25 A27

TABLE A-15 OPERATIONAL PARAMETERS

VARTABLE		KIND OF	
NUMBER	LABEL NAME	DATA REAL/SCALED	. UNIT OF MEASURE
100	Maint. Action Demand Per Acft.	Real	No./Acft.
005	Years Acft. Have Been on Base	Real	No. Years
003	Avg. Mission Mix	Scaled	Weighted Number
004	Aircraft Grounded Time	Real	Percent of Days
900	Avg. Take-off Speed	Real	Knots
900	Median Take-off Distance	Real	Feet
007	Percent of Max. Take-off Wt.	Real	Percent
003	Avg. Climb Rate	Real	Feet/Min.
600	Avg. Cruise Speed	Real	Knots
010	Avg. Cruise Altitude	Real	Feet/10
110	Avg. Descent Rate	Real	Feet/Min.
210	Avg. Landing Speed	Real	Knots
013	Minimum Landing Distance	Real	Feet
014	Avg. Landing Wt.	Real	18's/1000

TABLE A-15 OPERATIONAL PARAMETERS CONT'D

VADIABLE		KIND OF	
I.D. NUMBER	LABEL NAME	DATA DATA REAL/SCALED	. UNIT OF MEASURE
015	Total Flying Hours Per Acft.	Real	Hours/Acft.
910	Training Flying Hours Per Acft.	Real	Hours/Acft.
017	Operations Flying Hours Per Acft.	Real	Nours/Acft.
018	Misc. Flying Hours Per Acft.	Real	llours/Acft.
010	Total Landings Per Acft.	Real	Landings/Acft.
050	Training Landings Per Acft.	Real	Landings/Acft.
021	Operations Landings Per Acft.	Real	Landings/Acft,
022	Misc. Landings Per Acft.	Real	Landings/Acft.
023	Avg. No. of Acft. on Alert	Real	Acft./Mo.
024	Avg. No. of Deployed Acft.	Real	Acft./Mo.
025	Total Sorties Per Acft.	Real	Sorties/Acft.
026	Training Sorties Per Acft.	Real	Sorties/Acft.
027	Operations Sorties Per Acft.	Real	Sorties/Acft.
028	Misc. Sorties Per Acft.	Real	Sorties/Acft.

TABLE A-16 OPERATIONS PARAMETER INPUT DATA

VARIABLE I.D. NUMBER	F-15A LUKE AFB	F-15A BITBURG AB	B-52G FAIRCHILD AFB	FB-111A PLATTSBURGH AFB	C-141A TRAVIS AFB	KC-135A FAIRCHILD AFB	T-38A RANDOLPH AFB	A-10A MYRTLE BEACH AFB	A-10A DAVIS- MONTHAN AFB
001 002	3.67	0.75	TRANSFORM 7.67	Ŧ.	EQUIPMENT (A01) VALUE 20.33	11.75	29.0	2.42
003). 10 20.6	1.91	1.10	1.78	1.86	1.20) (1.90	1.70
005 005	150.00	150.00	156.00	165.00	130.00	150.00	155.00	Ξ	120.00
900	3500.00	2500.00	8750.00	3800.00	3800.00	9500.00	2700.00	1700.00	3750.00
007	83.02	82.14 6000.00	92.00 1500.00	79.00	75.83	00.28 1750.00	4000.00	4000.00	3500.00
600	500.00	530.00	450.00	440.00	430.00	410.00	420.00	320.00	310.00
010	2250.00	3800.00 2250.00	4000.00	2500.00	3070.00	4000.00	3000.00	3500.00	3000.00
012	116.00	118.00	115.00	123.00	97.00	115.00	130.00	115.00	111.00
013	3750	33.50	240.00	60.00	165.00	127.50	9.50	30.00	27.50
015	361.67	363.02	365.27	314.47	1369.84		345.71	196.72	469.57
016	325.54	31.59	328.74 36.53	204.09	205.44	202.08	345.71	19.67	328.70
018	0.00	7.90	0.00	1.22	13.75	11.89	0.00	00.0	00.00
610	456.69	177.00	131.47		792.59	159.48	1046.72	105.91	228.61
020	410.97	21.28	18.32	136.09	665.81	135.56	046.72	95.34	60.00 60.00
022	00.0	5.31	0.00	1.94	7.88	8.14		0.00	0.00
023	0.00	9999.00	4.00 0.00	12.00	0.33	9.00	0.00	0.00	0.00
025 025	267.17	174.53	44.27	83.88	364.03	48.07	250.22		228.61
920	240.45			22.38	54.59	40.86	250.22	10.32	68.61
027	26.72	148.34	4.43	60.72	305.47	4.81	0.00	93.00	00.00
028	29.00	37. C			32.00	•		19.00	
030	2.50	2.50	0.84		0.89	06.0	1.63	0	o.
031	7000.00	7000.00	5500.00		4885.00	5200.00		4420.00	4420.00
032	2.00	00.I	9.00 8.25	2.00	3.76	6.00 4.95	7.00	06.1	2.05
034	0.10	0.09	0.33	0.13	0.00		0.05	•	0.04
035	1.97	1.31	0.33		1.00	0.04	0.45	0.21	18.1

TABLE A-17 ENVIRONMENTAL PARAMETERS

VARIABLE		KIND OF	
I.D. NUMBER	LABEL NAME	DATA REAL/SCALED	UNIT OF MEASURE
£01	Maint. Action Demand Per Acft.	Rea l	No./Acft.
£03	Base Altitude	Real	Feet
F03	Runway Direction	Real	Degrees
E04	Distance to Mountains	Real	Miles
£03	Direction of Mountains	Real	Number
£06	No. of Snow Days	Real	Days
£03	Total Snow Fall	Real	Inches
803	Mean Snow Depth	Real	Inches
E09	No. of Rain Days	Real	Days
E10	Total Rain Fall	Real	Inches
E11	No. of Hail Days	Real	Days
E12	Relative Humidity (Avg.)	Real	Percent
£13	No. of Thunder Days	Real	Days
£14	No. of Sleet Days	Rea 1	Days

TABLE A-17 ENVIRONMENTAL PARAMETERS CONT'D

VARTABLE T.D.		KIND OF DATA	
NUMBER	LABEL NAME	REAL/SCALED	. UNIT OF MEASURE
E15	No. of Fog Days	Real	Days
£16	Predominate Wind Direction	Real	Degrees
E17	Maximum Crosswind's Less Than 10 MPH	Real	Days
E18	Maximum Crosswind's 10-19 MPH	Real	Days
E19	Maximum Crosswind's 20-29 MPH	Real	Days
E20	Maximum Crosswind's 30-39 MPH	Real	Days
£21	Maximum Crosswind's 40-49 MPH	Real	Days
F22	Maximum Crosswind's Greater Than 50 MPH	Real	Days
E23	Mean Temperature	Real	Degrees "F"
E24	Mean Minimum Temperature	Real	Degrees "F"
E25	Mean Maximum Temperature	Real	Oegrees "F"
E26	Days Maximum Temp. Was Above 80 ⁰ "F"	Real	Days
E27	Days Minumum Temp. Was Below 32 ⁰ "F"	Real	Days
£28	Total Number of Obstructions To Vision	Real	Number of Events

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TABLE A-17 ENVIRONMENTAL PARAMETERS CONT'D

		. UNIT OF MEASURE	Weighted No.	Weighted No.	Weighted No.						
	KIND OF	REAL/SCALED	Scaled	Scaled	Scaled						
ת ואום		LABEL NAME	Predominate Type of Obstructions	Avg. Obstruction Type	Avg. Obstruction Severity						
	VARIABLE 1.0.	NUMBER	F29	E30	£31						

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TABLE A-13 ENVIRONMENTAL PARAMETER INPUT DATA

A-10A DAVIS- MONTHAN AFB	2705.00 120.00 15.00 45.00 0.00 0.00 77.00 10.28 1.00 25.00 25.00 23.00 135.00 135.00 199.00 199.00 109.00 12.00 109.00
A-10A MYRTLE BEACH AFB	35.00 350.00 225.00 3.00 0.70 0.35 121.00 121.00 179.00 179.00 140.00 140.00 142.00 101.00 302.00 3.00 3.00 3.00
T-38A RANDOLPH AFB	761.00 140.00 360.00 0.00 0.00 130.00 31.52 1.00 47.00 222.00 112.00 112.00 112.00 112.00 112.00 112.00 3144.00 1218.32
KC-135A FAIRCHILD AFB	(A01) VALUE 2472.00 230.00 45.00 45.00 47.30 9.46 14.49 0.00 25.00 95.00 25.00 26.00 24.00 198.00 95.00 24.00 100.00 47.00 24.00 1100.00 438.00 438.00 4335.90
C-141A TRAVIS AFB	EQUIPMENT 62.00 30.00 4.50 0.00 0.00 0.00 14.00 123.00 123.00 123.00 146.00 0.74 0.00 123.00 146.00 100 100 53.00 105.00 2257.00 2257.00
FB-111A PLATTSBURGH AFB	ORM FROM EACH 245.00 170.00 30.00 30.00 89.00 9.90 145.00 25.00 8.00 80.00 25.00 27.00 171.00 171.00 170.00 99.00 31.00 99.00 31.00 551
B-52G FAIRCHILD AFB	TRANSI 2472.00 230.00 15.00 45.00 77.00 47.30 9.46 140.00 14.90 10.00 25.00 25.00 96.00 25.00 10.00 26.00 26.00 26.00 36.00 36.00 37.00 37.00 1335.9
F-15A BITBURG AB	1228.00 240.00 35.00 315.00 62.00 15.70 3.14 202.00 19.00 11.00 225.00 34.00 106.00 32.00 48.00 44.00 44.00 44.00 53.00 869.00 3.00 2.75 2.75
F-15A LUKE AFB	30.00 30.00 30.00 10.00 0.00 0.00 27.00 19.00 0.00 6.00 69.00 69.00 115.00 214.00 22.00 3.00 3.00 3.00 3.00
VARIABLE I.D. NUMBER	E01 E03 E04 E05 E06 E07 E07 E08 E10 E11 E12 E13 E13 E14 E15 E25 E26 E27 E28 E28 E29 E29 E30 E30 E30 E30 E30 E30 E30 E30

TABLE A-19 MAINTENANCE PARAMETERS

VARIABLE		KIND OF	
I.D. NUMBER	LABEL NAME	DATA REAL/SCALED	UNIT OF MEASURE
MO 1	Maint. Action Demand Per Acft.	Real	No./Acft.
MO2	Avg. OR RATE	Real	(Hrs. OR/Hours Percent Possessed)
M03	Avg. NORM RATE	Real	(Hrs. NORM/Hours Percent Possessed)
M04	Avg. NORS RATE	Real	(Hrs. NORS/Hours Percent Possessed)
NO5	Total Maint. Personnel Authorized	Real	No./Acft.
MO6	Total Maint. Personnel Assigned	Real	No./Acft.
M0.7	Total 3 Level Maint. Personnel Assigned	Real	No./Acft.
MOB	Total 5 Level Maint. Personnel Assigned	Real	No./Acft.
60W	Total 7 Level Maint. Personnel Assigned	Real	No./Acft.
M10	Total 9 Level Maint. Personnel Assigned	Real	No./Acft.
MII	Total Maint. Personnel Authorized (AMS)	Real	No./Acft.
21W	Total Maint. Personnel Assigned (AMS)	Rea1	No./Acft.
M13	Total 3 Level Maint. Personnel Assigned (AMS)	Rea1	No./Acft.
M14	Total 5 level Maint. Personnel Assigned (AMS)	Real	No./Acft.

TABLE A-19 MAINIENANCE PARAMETERS CONT'D

VARTABLE		KIND OF	
NIMINE K	LABEL NAME	REAL/SCALED	UNIT OF MEASURE
, M	lotal 7 Level Maint. Personnel Assigned (AMS)	Real	No./Acft.
<u> 2</u>	lutal 9 Level Maint. Personnel Assigned (AMS)	Real	No./Acft.
/ I W	lutal Maint. Manhours Expended Per Acft.	Real	Hours/Acft.
MIB	AMS Maint. Manhours Expended Per Acft.	Rea 1	Nours/Acft.
WIN	Maint, Concept	Scaled	Weighted Number
M 20	Avg. Turn-Around Time - Maint.	Real	Clock Hours
M2.1	Acft. FOD (All Causes)	Real	No./Acft.
M22	lotal General Support (01-09) Manhours Per Acft.	Real	Hours/Acft.
M23	Total General Support - Ol Manhours Per Acft. Ground Handling and Servicing	Real	Hours/Acft.
M24	Total General Support - 02 Manhours Per Acft. Aircraft Cleaning	Real	Hours/Acft.
M25	Total General Support - 03 Manhours Per Acft. Look Phase of Scheduled Inspections	Rea 1	Hours/Acft.
M26	Total General Support - 04 Manhours Per Acft. Special Inspections	Real	Hours/Acft.
M27	Total General Support - 05 Manhours Per Acft. Preservation and Storage	Rea 1	Hours/Acft.
M28	Total General Support - 06 Manhours Per Acft. Arming and Disarming	Real	Hours/Acft.

TABLE A-19 MAINTENANCE PARAMETERS CONT'D

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TABLE A-20 MAINTENANCE PARAMETER INPUT DATA

VARIABLE	F-15A	F-15A	B-52G	FB-111A	C-141A	KC-135A	T-38A	A-10A	A-10A
I.D.	LUKE	BITBURG	FAIRCHILD	PLATTSBURGH	TRAVIS	FAIRCHILD	RANDOLPH	MYRTLE	DAVIS-
NUMBER	AFB	AB	AFB	AFB	AFB	AFB	AFB	BEACH AFB	MONTHAN AFB
107	33.13 43.94 22.93 88.93 97.72 Void Void Void Void Void Void 1.25 0.97 687.62 327.43 48.85 169.44 48.03 14.04	54.60 20.73 29.25 45.66 43.81 16.53 2.50 9.03 8.91 1.53 2.69 3.97 Void 0.00 1.03 2.66 480.41 256.37 107.95 107.95 107.95	TRANS 47.99 44.58 8.54 42.73 42.73 42.13 9.67 2.53 8.93 9.53 9.53 0.00 8.00 0.00 8.00 0.13 1265.86 696.85 20.99 247.77 92.43 1265.96	ORM FROM EA 45.44 38.65 15.93 49.89 13.44 10.62 11.97 11.84 3.38 5.93 2.09 0.00 5.00 5.00 5.00 5.00 5.00 73.97 64.90 1.72 14.72 14.69 73.97 64.90	H EQUIPMENT 38.83 4.09 94.63 87.41 17.94 47.09 17.69 4.06 18.41 17.69 4.06 18.41 16.38 3.75 8.91 2.00 2.00 2.00 2.00 2.00 0.24 85.58 413.75 59.98 0.24 33.31 65.68 65.68	(A01) VALUE 68.54 24.74 5.16 20.70 20.67 4.70 10.07 4.67 1.19 3.33 3.52 1.04 1.19 0.82 0.15 787.85 Void 0.00 4.00 4.00 4.00 4.00 1.15 185.50 1463 162.10 36.48 0.07 0.07	64.70 26.60 7.40 7.34 7.57 2.13 3.63 1.42 0.37 0.12 0.12 0.12 0.12 0.12 0.12 0.12 0.12	60.83 19.10 9.04 72.58 73.58 Void Void Void Void Void Void Void Void	52.70 28.09 19.24 61.26 64.87 Void Void Void Void Void Void Void Void

TABLE A-21 AIRCRAFT GENERAL PARAMETERS

VARTABLE		KIND OF	
1.D. NUMBER	LABEL NAME	DATA REAL/SCALED	. UNIT OF MEASURE
109	Maint. Action Demand Per Acft.	Real	No./Acft.
602	Years Since Aircraft Was Produced	Real	Years
603	Aircraft Empty Wt.	Rea J	18's/10
G04	Max. Gross Wt Take-off	Real	
6,05	ı ~	Real	Sq/Ft.
909		Real	Percent
607	Total Fuel Capacity	Real	Gallon's
608	Avg. Aircraft Wing Load	Real	18's/Sq. Ft.
609	Since Er	Real	Years
610	No. of Installed Engines Per Acft.	Real	Number
611	Engine Wt. Per Acft. (All Engines)	Real	1.8's.
612	C)	Real	LB's/10
613	Designated Climb Rate	Real	Feet/Min.
614	No. of Generator's Per Acft.	Real	No./Acft.

TABLE A-21 AIRCRAFT GENERAL PARAMETERS CONT'D

CONI'.D	SLE KIND OF DATA OATA REAL /SCALED UNIT OF MEASURE	Total Maint. Manhour Per Flight Hour Real Manho	Years Since Acft. First Flight Real Years						
	VARTABLE I.D. NUMBER	-	919						

TABLE A-22 AIRCRAFT GENERAL PARAMETER INPUT DATA

8	
A-10A DAVIS- MONTHAN AFB	5.00 198.56 467.86 506.00 6.54 343.80 92.50 2.00 285.40 1813.00 5.00 5.00
A-10A MYRTLE BEACH AFB	5.00 198.56 467.86 506.00 6.54 343.80 92.50 4.00 285.40 1813.00 534.00 5.00 16.79 5.00
T-38A RANDOLPH AFB	18.00 77.70 117.00 170.00 3.75 60.00 67.90 Void 2.00 116.80 770.00 3360.00 2.00 14.25 19.00
KC-135A FAIRCHILD AFB	A01) VALUE 21.00 21.00 971.91 2970.00 2313.40 7.06 3130.00 4.00 1728.00 5500.00 5500.00 39.82 24.00
C-141A TRAVIS AFB	EQUIPMENT 14.00 1363.00 3266.00 3244.00 7.90 2308.00 98.10 18.00 4.00 1860.00 8400.00 727.00 15.00 15.00
FB-111A PLATTSBURGH AFB	RM FROM EACH 9.00 470.58 1143.00 655.50 655.50 201.20 17.00 824.20 4070.00 2341.80 2.00 54.95 11.00
8-52G FAIRCHILD AFB	TRANSF 19.00 1684.49 4880.00 4000.00 8.55 4657.50 122.00 25.00 3096.00 8960.00 545.00 73.36 73.36 22.00
F-15A BITBURG AB	6.70 400.00 500.00 608.00 33.70 357.9 85.70 5.00 604.20 40.79 6.00
F-15A LUKE AFB	6.00 400.00 500.00 608.00 3.00 357.9 85.70 5.00 604.20 46.02 6.00
VARIABLE 1.D. NUMBER	001 602 603 604 603 611 612 613 613 613

MATHIENANCE RESOURCE DEMAND (MRD) PARAMETERS - PHASE II IABLE A-23

VARTABLE		KIND OF	
NUMBER	LABEL NAME	REAL/SCALED	UNIT OF MEASURE
R01	Maintenance Action Demand Per Acft.	Real	No/Acrt.
R02	Equipment Total Maint. Man Hr. Per Acft.	Real	No/Acft.
RO 3	Equipment Total Unscheduled Removals Per Acft.	Real	No/Actt.
R04	Equipment Ground Aborts Per Acft.	Real	No/Acft.
R05	Equipment Air Aborts Per Acft.	Real	No/Actt.
R06	Equipment Cannibilizations Per Acft.	Real	No/Acft.

TABLE A-24 EQUIPMENT PARAMLTERS - PHASE 11

VARTABLE 1.D. NUMBER	LABEL NAME	KIND OF DATA REAL/SCALED	UNIT OF MLASURE
101	Location of Equipment on the Aircraft	St a led	Scaled Value
F02	Primary Material - Composition Technology Level	Scaled	Scaled Value
F03	Equipment Weight	Real	Pounds
F04	Equipment Volume	Real	Sq. Ft., Cu. Ft., Cu. In.
F05	Operating Temperature	Real	Degrees F
£ 06	Support Equipment Complexity	Scaled	Scaled Value
F07	Support Equipment Realiability	Real	Percent
F 08	Type of Failure Problems	Scaled	Scaled Value
F09	Inflight Squawk Verification Rate	Real	Percent
F10	On/Off Cycles Per Sortie	Real	Cycles/Sortie
F11	Ground to Flight Operating Ratio	Real	Percent
F12	Relative Reliability of Equipment Oriving Force	Scaled	Scaled Value
£13	Removals to Access other Equipment	Real	No/Actt/Yr
F14	Severity of FOD	Scaled	Scaled Value

TABLE A-24 EQUIPMENT PARAMETERS - PHASE II (CONT'D)

VADIABLE		KIND OF	
I.D. NUMBER	LABEL NAME	DATA DATA REAL/SCALED	UNIT OF MEASURE
F15	Principle Failure Cause	Scaled	Scaled Value
616	Equipment Protection Methodology	Scaled	Scaled Value
413	Equipment Pressurization Level	Real	PSI
F18	Rain Removal Technology (Windshield)	Scaled	Scaled Value
613	Mounting Position (Wings Only)	Scaled	Scaled Value
F20	Power Rating (Generators)	Real	KVA Ratinq
121	No of Tire Ply's (Tires)	Real.	Plv's Per Tire
F22	Landinys Per Tire (Tires)	Rea l	Landings Per Tire
123	Avg. Tire Cost (Tires)	Real	Cost Per Tire
F24	Securing Method Technology (Radome Only)	Scaled	Scaled Value

TABLE A-25 SYSTEM TTA (TTAUT) RADOME MRD PARAFILTER INPUT DATA

A-10A BAVIS MORTHAREA B	0100 0100 0100 0100 0100
A-10A MYR11 E BI ACH AFB	0100 0100 0100 0100 0100
1 - 38A RANDOL PII AFB	0.65 12.04 0.22 0.01 0.00
KC-135A FAIRCHILD AFB	0.15 7.25 0.00 0.00 0.00
C-141A TRAVIS AFB	4.38 22.78 2.19 0.00 0.03 0.03
FB-111A PLALISBURGH ALB	2.16 1.69 0.09 0.00 0.00
B-52G FAIRCHILD AFB	0.53 2.87 0.00 0.00 0.00 0.07
F-15A B1TBURG AFB	1.16 4.52 0.00 0.00 0.00
t - 15A 19kt AFB	1.21 6.14 0.00 0.00 0.00
VARTABLE L.D. MITHBER	K0.3 K0.3 K0.5 R0.5 R0.6
	114

SYSTEM 11A (11A01) RADOME EQUIPMENT PARAMETER INPUT DATA TABLE A-26

_	1 11/4	F-15A 8118006	B-526 EATRCHILD	FB-111A	C-141A	KC-135A	T-38A	A-10A	A-10A
	AF B	AFB		AFB A	VE B	AFB	AFB	BEACH AFB	MONTHAN AFB
	3.00	3.00	3.00	3.00	3.00	3.00	3.01	0107	0107
	5.00	5.00	5.00	5.00	5.00	5.00	5.00	VOID	0100
50	208.00	208.00	150.00	800.00	60.00	60.00	1.00	4010	V01D
_	VOID	VOID	VOID	V01D	V01D	VOID	0104	VOID	VOID
_	VOID	V01D	VOID	0100	0100	VOID	0104	VOID	0104
	1.00	1.00	1.00	5.00	1.00	1.00	1.00	0107	VOID
01	100.00	100.00	100.00	99.00	100.00	100.00	100.00	0107	VOID
	00.9	3.00	8.00	5.00	9.00	1.00	6.00	VOID	0104
10	100.00	100.00	100.00	100.00	100.00	VOID	100.00	VOID	V01D
	0100	VOID	VOID	VOID	0100	VOID	0100	0100	V01D
<i>-</i> -	0101	VOID	0107	VOID	VOID	VOID	VOID	0107	V01D
<u> </u>	VOID	VOID	VOID	V01D	0100	VOID	V01D	0107	VOID
	.52	90.	.07	60.	.28	2.93	0.00	V01D	010A
	0.00	0.00	1.00	1.00	0.00	2.00	00.0	0104	V01D
	0.00	00.00	0.00	3.00	00.00	3.00	1.00	VOID	V01D
	2.00	2.00	0.00	0.00	2.00	00.00	00.0	VOID	V01D
	0.00	00.00	0.00	0.00	00.00	00.00	0.00	0100	V01D
<u> </u>	010	VOID	VOID	VOID	VOID	VOID	V01D	VOID	0100
<u> </u>	VOID	.010A	VOID	V01D	VOID	VOID	0107	0107	V01D
<u> </u>		VOID	VOID	V01D	010A	V01D	V01D	010A	V01D
_	VOID	0100	V01D	VOID	0100	VOID	0100	0100	V01D
	0100	0107	VOID	VOID	VOID	V01D	V01D	VOID	VOID
>	V01D	V01D	V01D	V01D	V01D	V01D	V01D	0100	0100
<u>. </u>	1.00	1.00	2.00	1.00	3.00	3.00	1.00	010/	VOID
·								-1	

SYSTEM 11A (11A02) WINDSHIELD MRD PARAMETER INPUT DATA

M B	
A-10A DAVIS MORTHAR AFB	. 20 1.87 . 06 0.00 0.00 . 26
A-10A MYRTLE BEACH AFB	0.00 0.00 0.00 0.00 . 26
T - 38A RANDOL PH AF B	3.36 .12 .01 .01 0.00
KC-135A FAIRCHILD AFB	2.52 5.37 .19 0.00 0.00
C-141A 1RAVIS AFB	7.31 77.69 1.44 0.00 0.00 .03
FB-111A PLATFSBURGH AFB	4.03 20.22 .31 0.00 0.00
B-52G FAIRCHILD AFB	4.09 .07 0.00 0.00
F-15A B11BURG AFB	. 16 2.74 . 03 0.00 0.00
F - 15A LUKE AFB	. 93 24.12 . 69 0.00 0.00
VARTABLE 1.5. NUTBER	KO 1 KO 3 KO 4 KO 6 KO 6

SYSTEM 11A (11A02) WINDSHIELD EQUIPMENT PARAMETER INPUT DATA TABLE A-28

			_																						
A-10A DAVIS MONIHAN AIB	1.00	00.9	150.00	1661.00	150.00	3.00	98.00	10.00	90.00	0100	VOID	1.00	00.00	00.00	11.00	2.00	VOID	2.00	VOID	0104	0107	0107	0107	0100	
A-10A MYRTI E BEACH AFB	1.00	00.9	150.00	1661.00	150.00	3.00	100.00	10.00	100.00	0107	VOID	1.00	00.00	0.00	11.00	2.00	V01D	2.00	VOID	VOID	V01D	0107	0107	0107	
1 - 38A RANDOL PH AFB	1.00	00.9	20.00	432.00	0107	5.00	100.00	6.00	100.00	VOID	0100	9.00	VOID	00.00	00.00	1.00	VOID	1.00	V01D	0100	VOID	0100	0100	0107	
KC-135A FAIRCHILD AFB	1.00	00.9	50.00	432.00	0107	3.00	100.00	5.00	00.66	0100	0100	1.00	00.0	0.00	00.0	3.00	VOID	1.00	VOID	V01D	V01D	VOID	0100	V01D	
C-141A TRAVIS AFB	1.00	6.00	385.00	3840.00	0107	3.00	95.00	7.00	100.00	V01D	V01D	1.00	0.00	0.00	3.00	5.00	VOID	2.00	VOID	0107	0107	0100	0107	V01D	
FB-111A PLATTSBURGH AFB	1.00	6.00	64.00	2160.00	VOID	1.00	95.00	7.00	100.00	V01D	VOID	4.00	00.00	0.00	00.00	00.00	VOID	2.00	0107	VOID	VOID	VOID	0107	0107	
B-52G FAIRCHILD AFB	1.00	9.00	54.00	432.00	105.00	3.00	100.00	8.00	99.00	VOID	VOID	1.00	0.00	0.00	0.00	3.00	VOID	1.00	VOID	VOID	VOID	VOID	0100	V01D	
F-15A B1TBURG AFB	1.00	2.00	60.00	1890.00	VOID	1.00	100.00	7.00	100.00	VOID	VOID	VOID	00.00	2.00	00.00	4.00	VOID	2.00	VOID	V01D	V01D	V01D	0100	0100	
F - 15A LUKE AFB	1.00	2.00	60.00	1890.00	0100	1.00	100.00	00.9	97.50	0107	0107	VOID	00.00	2.00	0.00	4.00	0104	2.00	V01D	V010	0100	0100	0100	V01D	
VARTABLE 1.D. NUMBER	F01	F02	F03	F04	F05	F06	F07	F08	F09	F10	F11	F12	F13	F14	F15	F16	F17	F18	F19	F20	F21	F22	F23	F24	
											7														

TABLE A-29 SYSTEM 11K WINGS MRD PARAMETER INPUT DATA

A-10A DAV1S MONTHAN ALB	3.96 15.61 .000 0.00 .09
A-10A MYRTLE BEACH AFB	. 53 2.74 . 21 0.00 0.00 . 42
F-38A RANDOL PH AFB	4.82 .78 .02 .01 .12
KC-135A FAIRCHILD AFB	34.81 87.19 .41 0.00 0.00
C-141A TRAVIS AFB	76.47 678.63 9.56 0.00 0.00 .34
FB-111A PLAFTSBURGH AFB	26.25 66.89 3.44 0.00 0.00 .06
8-52G FATRCHTLD AFB	17.40 106.42 .27 0.00 0.00 0.00
F-15A BITBURG AFB	7.56 29.98 .19 0.00 0.00
1 - 15A 1 HKF AFB	13.97 72.43 .03 0.00 .07
VARTABLE 1.D. NUMBER	R01 R03 R04 R05 R06
	118

TABLE A-30 SYSTEM LIK WINGS LOUIPMENT PARAMETER INPUT DATA

A-10A A-10A IYRITE DAVIS ICH AFB MONTHAN AFB	2.00 2.00	3.00 3.00	V01D V01D	00.905 00.	V01D V01D	1.00 1.00	99.00 00.66	9.00 9.00	.00 100.00	V01D V01D	V01D V01D	V01D V01D	0.00 00.00	0.00 0.00	8.00 8.00	V01D V01D	0.00 0.00	VOID VOID	1.00 1.00	010A 010A	010V 010V	V010 V01D	V01D V01D	V01D V01D	
1-38A A-10A RANDOLPH MYRTLE AFB BLACH AFB	2.01	3.00 3.	or oro	170.00 506.00	VOID VC	5.00 1.	100.00	5.00 9.	100.00 100.00	VOID VC	VOID VC	VOID VC	0.00	0.00 0.0	11.00 8.	OA OIOA	0.00 0.	010V	1.00 1.	VOID VC	010v	010A	VO10 VC	OV OTOV	
KC-135A FAIRCHILD AFB	2.00	7.00	VOID	1156.70	VOID	1.00	100.00	5.00	100.00	VOID	VOID	0100	00.00	00.00	00.00	0100	00.00	VOTD	2.00	VOID	V01D	VOID	VOID	0100	
C-141A IRAVIS AFB	2.00	3.00	MOTO	3073.00	VOID	1.00	95.00	9.00	100.00	V01D	0107	0100	00.00	00.00	8.00	VOID	00.00	010A	3.00	0100	VOID	010A	VOID	0104	
FB-111A PLATTSBURGH AFB	2.00	3.00	0100	602.75	0107	10.00	95.00	8.00	80.00	VOID	0100	0100	00.00	00.00	8.00	VOID	00.00	0100	3.00	0100	0100	OLOV	0100	0100	
B-52G FAIRCHILD AFB	2.00	12.00	010A	800.00	VOID	1.00	95.00	9.00	100.00	V01D	V01D	VOID	0.00	0.00	14.00	V01D	00.00	VOID	3.00	VOID	VOID	0100	VOID	0100	
1 - 15A B1TBURG AFB	2.00	3.00	V01D	608.00	VOID	5.00	100.00	7.00	100.00	V01D	0104	V01D	00.00	00.00	6.00	V01D	0.00	0100	3.00	VOID	0100	V01D	0107	VOID	
F-15A FUKE AFB	2.00	3.00	VOID	608.00	VOID	5.00	100.00	11.00	100.00	V01D	V01D	010A	0.00	00.00	1.00	VOID	00.00	VOID	3.00	Volo	4010	VOID	VOID	NOTO	
VARTABLI 1.D. MUMBLE	101	F02	F03	F04	F05	F06	F0/	£08	F09	F10	111	F12	F13	F14	F15	F16	F1/	F18	F19	F20	F21	F 22	F23	F24	

SYSTEM 12B COCKPIT FURNISHINGS MRD PARAMETER INPUT DATA TABLE A-31

B-576 18-111A C-141A KC-135A 1-38A MRRIII A/1B MRRIII A/1B A/1B A/1B A/1B A/1B B/1A/1B A/1B B/1B A/1B A/1B	A-10A DAVIS MONIHAN AFB	.13 0.00 0.00 0.00 0.00
B-52G TB-111A C-141A KC-135A AfB AfB AfB AfB .08 1.27 3.64 .19 .00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 .56 0.00 0.00 0.00 0.00 0.00 .56 0.00 0.00 0.00 0.00 0.00 .56 0.00 0.00 0.00 0.00 0.00 0.00 .56 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	A-10A MYR1LE BEACH AFB	0.00 0.00 0.00 0.00
## FAIRCHILD PLATISBURGH TRAVIS AFB AFB AFB AFB AFB AFB AFB AFB	T-38A RANDOLPH AFB	.30 .04 .01 .01 .01
B-526 HB-111A Aff B C.00 .00 0.00 0.00 0.00 0.00 0.00 0.0	KC-135A FAIRCHILD AFB	. 19 03 0.00 0.00 0.00
B-52G FAIRCHILD AFB 	C-141A TRAVIS Af B	3.64 22.41 .51 0.00 .03 .56
	FB-111A PLALISBURGH AFB	1.27 5.57 .08 0.00 0.00
2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	B-52G FATRCHILD AFB	. 08 0. 00 0. 00 0. 00 0. 00
AFB AFB 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	F-15A BITBURG AFB	.06 0.00 0.00 0.00 0.00
11.64 11.64 1.04 0.00 0.00 0.00	1 - 15A 1 UKI A1 B	. 10 1.04 . 03 0.00 0.00
VAR1AB1 Н 1. D. NUMB1 R R02 R03 R04 R05 R06	VARTABLE L.D. NUFBER	K03 K03 K04 R05 R06

SYSTEM 12B COCKPIT FURNISHINGS EQUIPMENT PARAMETER INPUT DATA TABLE A-32

	F - 15A 1 UKF AFB	F-15A B11BURG AFB	B-52G FAIRCHILD AFB	FB-111A PLATTSBURGR AFB	C-141A TRAVIS AUB	KC-135A FAIRCHILD AFB	T-38A KANDOLPH AFB	A-10A MYRTLE BEACH AFB	A-10A DAVIS MONIHAN AFB
101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
102	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
F03	50.00	55.80	280.00	40.00	50.00	50.00	125.00	77.00	77.00
F04	0101	. 010v	0100	0100	V01D	0107	VOID	V01D	0100
F05	0100	0100	V01D	010A	0100	0100	VOID	VOID	0100
F06	8.00	8.00	5.00	1.00	1.00	1.00	9.00	9.00	5.00
F07	100.00	100.00	95.00	99.00	95.00	100.00	100.00	100.00	100.00
F08	6.00	4.00	8.00	5.00	9.00	5.00	5.00	00.9	2.00
F09	100.00	100.00	80.00	95.00	100.00	100.00	80.00	100.00	100.00
100	VOTD	VOID	0100	VOID	V010	VOID	VOID	0104	OIOA
F11	50.00	90.09	200.00	300.00	400.00	33.30	20.00	100.00	100.00
F12	9.00	6.00	3.00	1.00	2.00	2.00	00.9	1.00	1.00
F13	.03	60.	.27	1.22	2.13	00.00	1.80	3.11	4.17
F14	2.00	2.00	0.00	0.00	0.00	0.00	1.00	2.00	00.00
F15	0.00	00.0	0.00	0.00	8.00	0.00	00.00	2.00	2.00
F16	5.00	5.00	3.00	4.00	0.00	00.00	5.00	1.00	1.00
F17	00.00	0.00	0.00	0.00	0.00	00.0	00.00	00.00	00.00
F18	010A	0100	0100	VOID	0100	VOID	010A	010A	0100
F19	0100	0107	0107	VOID	VOID	0100	VOID	0100	OLOV
F20	0100	VOID	QIOA	0100	0100	0100	VOID	0100	VOID
F21	V01D	0100	0107	0107	0100	0100	0104	0100	0100
F22	010A	0100	VOID	VOID	0100	VOID	VOID	0100	V01D
F23	V01D	0100	VOID	0100	0100	0100	VOID	0107	0107
F24	0100	010A	0107	0100	0100	0100	VOID	V01D	VOID
									

SYSTEM 13A MAIN LANDING GEAR MRD PARAMETER INPUT DATA TABLE A-33

	
A-10A DAVIS MONTHAN AFB	1.17 7.01 1.71 0.00 0.00 0.00
A-10A MYRTLE BEACH AFB	. 05 . 05 0.00 0.00 0.00
T - 38A RAHDOL PH AFB	18.51 60.86 18.45 0.00 0.00
KC-135A FAIRCHILD AFB	9.85 3.56 0.00 0.00 0.00
C-141A 1RAVIS AFB	28.16 11.34 0.00 0.00 0.00
FB-111A PLATTSBURGH AFB	10.47 37.52 3.97 0.00 0.00
B-52G FAIRCHILD AFB	22.80 220.08 6.80 0.00 0.00
F-15A BITBURG AFB	8.69 115.69 8.66 .03 .03
f - 15A LUKE AFB	12.14 34.11 12.14 .07 0.00 0.00
VARTABLE L.D. NUMBLR	K01 R03 R04 R05 R06

SYSIEM 13A MAIN LANDING GEAR EQUIPMENT PARAMETER INPUT DATA TABLE A-34

AF B		_	_		_		_	_				_													
A-10A DAVIS MONTHAN AFB	5.00	4.00	228.00	12.96	0100	1.00	100.00	5.00	100.00	0104	010/	2.00	60.	3.00	5.00	4.00	180.00	010A	010A	VOID	23.00	70.00	208.00	0100	
A-10A MYRTLE BEACH AFB	2.00	4.00	228.00	12.96	0100	1.00	100.00	5.00	100.00	V01D	0100	2.00	Ξ.	1.00	5.00	5.00	180.00	4010	VOID	0100	23.00	19.00	208.00	0100	;
T - 38A RANDOL PH AF B	5.00	4.00	58.00	1.64	010A	6.00	98.00	10.00	100.00	0100	V01D	2.00	3.19	1.00	5.00	1.00	250.00	VOID	0107	VOID	12.00	80.00	73.29	0100	
KC-135A FAIRCHILD AFB	5.00	4.00	2960.00	148.40	VOID	1.00	100.00	8.00	100.00	0107	VOID	2.00	1.30	2.00	5.00	0100	155.00	0100	0104	VOID	26.00	010A	363.40	VOID	
C-141A TRAVIS AFB	5.00	4.00	2200.00	112.56	VOID	5.00	100.00	10.00	100.00	VOID	V01D	4.00	5.21	2.00	5.00	3.00	200.00	V01 D	0100	VOID	28.00	160.00	275.50	0100	
FB-111A PLATTSBURGII AFB	97.00	4.00	906.00	17.60	V01D	5.00	95.00	9.00	100.00	V01D	VOID	4.00	2.03	1.00	5.00	3.00	215.00	VOID	V01D	VOID	36.00	160.00	862.26	V01D	
8-526 FAIRCHILD AFB	5.00	4.00	5488.00	182.40	VOID	5.00	100.00	7.00	100.00	010A	V01D	2.00	1.87	3.00	5.00	VOID	270.00	V01D	V01D	VOID	38.00	VOID	512.90	V010	
F-15A B11BIRG AFB	9.00	4.00	190.00	10.54	0100	7.00	100.00	9.00	100.00	0100	0100	2.00	69.	2.00	5.00	4.00	260.00	0100	0100	0100	26.00	17.00	154.00	VOID	
f - 15A LUKE AFB	5.00	4.00	190.00	10.54	0107	7.00	95.00	9.00	100.00	0104	0107	2.00	76.	2.00	5.00	4.00	260.00	0100	VOID	010A	26.00	30.00	202.90	VOID	
VAR I ABI E I. D. NUMBER	F01	F02	F03	£04	F05	F06	F07	F08	F09	F10	F111	F12	F13	F14	F15	F16	F17	F18	F19	F20	F21	F22	F23	F24	

TABLE A-35 SYSTEM 13D BRAKE MRD PARAMETER INPUT DATA

A-10A BAVIS MUNIHAN AFB	0.00 0.00 0.00 0.00
A-10A MYRTLE BEACH AFB	00.0 00.0 00.0 00.0
T - 38A RANDOL PII AFB	1.95 24.48 1.01 .08 .02 .43
KC-135A FAIRCHILD AFB	. 80 5. 46 0. 00 0. 00 0. 00
C-141A TRAVIS AFB	1.36 9.99 0.00 0.00
FB-111A PLATTSBIRGH AFB	2.14
B-52G FAIRCHILD AFB	1.57 12.62 .32 0.00 0.00 .07
F - 15A B1TBURG Af 3	. 52 16.09 . 03 0.00 . 03
F-15A LUKE AFB	2.05 27.28 1.95 0.00 0.00 .10
VARIABLE 1.D. NUMBER	K01 R03 R04 R05 R06

TABLE A-36 SYSTEM 13D BRAKE EQUIPMENT PARAMETER INPUT DATA

HII 5.00	VARTABLE T.D. NUMBER	F - 15A LUK ALB	F-15A BITBURG AFB	B-52G FAIRCHILD AFB	FB-111A PLATTSBURGH AFB	C-141A TRAVIS AFB	KC-135A FAIRCHILD AFB	F-38A RANDOLPH AFB	A-10A MYRILE BEACH AFB	A-10A DAV1S MONTHAN AFB
3.00 11.00 11.00 5.00 11.00 8.00 1 69.00 69.00 283.00 200.00 105.00 193.00 35.00 9 1156.00 1366.00 3980.00 4580.00 2042.00 199.00 5.	101	97.00	97.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
69.00 69.00 283.00 260.00 105.00 193.00 35.00 200.00 1366.00 1366.00 3980.00 4580.00 2042.00 1908.00 565.00 203 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 90.00 99.00 100.00 99.00 100.00 100.00 100.00 99.00 100.00 100.00 100.00 100.00 100.00 99.00 100.00 100.00 100.00 100.00 100.00 99.00 100.00 100.00 99.00 100.00 100.00 99.00 100.00 100.00 99.00 100.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 99.00 99.00	F02	3.00	3.00	11.00	11.00	2.00	11.00	8.00	11.00	11.00
1366.00 1366.00 1366.00 4580.00 4580.00 2042.00 1908.00 565.00 203 V01D V0	F03	00.69	00.69	283.00	200.00	105.00	193.00	35.00	97.50	97.50
VOID VOID <th< td=""><td>F04</td><td>1366.00</td><td>1366.00</td><td>3980.00</td><td>4580.00</td><td>2042.00</td><td>1908.00</td><td>965.00</td><td>2035.00</td><td>2035.00</td></th<>	F04	1366.00	1366.00	3980.00	4580.00	2042.00	1908.00	965.00	2035.00	2035.00
5.00 5.00 5.00 5.00 5.00 5.00 5.00 100.00 <	F05	V01D	VOID	V01D	V01D	VOID	0104	0107	0107	VOID
100.00 99.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 100.00 99.00 99.00 99.00 99.00 99.00 99.00 99.00 99.00 99.00 99.00 99.00 99.00 99.00 99.00 99.00 99.00 99.00 99.00 99.00	F06	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
5.00 8.00 9.00 8.00 9.00 100.00 100.00 90.00 75.00 95.00 90.00 10 40.00 33.00 8.00 75.00 95.00 90.00 10 40.00 33.00 8.00 20.00 18.00 14.00 36.00 2 3.00 3.00 3.00 3.00 3.00 3.00 36.00 2 5.00 3.00 0.00 0.00 0.00 0.00 0.00 0.00 8.00 4.00 0.00 0.00 0.00 0.00 0.00 8.00 4.00 0.00 0.00 0.00 0.00 0.00 8.00 4.00 0.00 0.00 0.00 0.00 0.00 8.00 4.00 0.00 0.00 0.00 0.00 0.00 8.00 4.00 0.00 0.00 0.00 0.00 0.00 8.00 4.00 0.00 0.00	F07	100.00	90.00	99.00	100.00	00.66	00.66	100.00	100.00	100.00
100.00 90.00 75.00 95.00 90.00 80.00 10 V0110	F08	9.00	5.00	8.00	5.00	9.00	8.00	00.6	9.00	8.00
VOILD VOILD <th< td=""><td>60.1</td><td>100.00</td><td>100.00</td><td>90.06</td><td>75.00</td><td>95.00</td><td>90.00</td><td>80.00</td><td>100.00</td><td>100.00</td></th<>	60.1	100.00	100.00	90.06	75.00	95.00	90.00	80.00	100.00	100.00
40.00 33.00 8.00 20.00 18.00 14.00 36.00 2 3.00 0.00 <td< td=""><td>F10</td><td>0107</td><td>0107</td><td>V01D</td><td>0100</td><td>V01D</td><td>V010</td><td>010A</td><td>0100</td><td>0100</td></td<>	F10	0107	0107	V01D	0100	V01D	V010	010A	0100	0100
3.00 0.00 0.00 <td< td=""><td>Ξ</td><td>40.00</td><td>33.00</td><td>8.00</td><td>20.00</td><td>18.00</td><td>14.00</td><td>36.00</td><td>26.00</td><td>24.00</td></td<>	Ξ	40.00	33.00	8.00	20.00	18.00	14.00	36.00	26.00	24.00
2.4 .28 .20 0.00 .13 .04 1.43 0.00 0.00 0.00 0.00 0.00 0.00 0.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 8.00 8.00 4.00 0.00 7.00 3.00 0.00 3000.00 1275.00 3000.00 2100.00 1200.00 9.00 9010 V010 V010 V010 V010 V010 V010 V010 V010 V010 V010 V010	F12	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 5.00 <th< td=""><td>F13</td><td>.24</td><td>. 28</td><td>.20</td><td>00.00</td><td>.13</td><td>.04</td><td>1.43</td><td>11.</td><td>0.00</td></th<>	F13	.24	. 28	.20	00.00	.13	.04	1.43	11.	0.00
5.00 6.00 6.00 <th< td=""><td>F14</td><td>0.00</td><td>0.00</td><td>0.00</td><td>00.00</td><td>00.00</td><td>0.00</td><td>00.00</td><td>0.00</td><td>1.00</td></th<>	F14	0.00	0.00	0.00	00.00	00.00	0.00	00.00	0.00	1.00
8.00 8.00 4.00 0.00 7.00 3.00 0.00 3000.00 3000.00 1275.00 3000.00 2100.00 1200.00 4010 V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D	115	5.00	5.00	5.00	5.00	5.00	00.9	5.00	5.00	00.9
3000.00 3000.00 1275.00 3000.00 2100.00 1200.00 V01D V01	F16	8.00	8.00	4.00	0.00	7.00	3.00	00.00	0.00	0.00
VOID VOID VOID VOID VOID VOID VOID VO	F17	3000.00	3000.00	1275.00	3000.00	2100.00	1200.00	010A	3000.00	3000.00
VOID VOID VOID VOID VOID	F18	010A	0107	0100	0100	0100	0107	V01D	VOID	VOID
VOID VOID <th< td=""><td>F19</td><td>VOTD</td><td>0107</td><td>0107</td><td>0100</td><td>0100</td><td>0107</td><td>VOID</td><td>0107</td><td>0100</td></th<>	F19	VOTD	0107	0107	0100	0100	0107	VOID	0107	0100
VOID VOID <th< td=""><td>F20</td><td>0104</td><td>OLOV</td><td>V010</td><td>0107</td><td>0107</td><td>0107</td><td>0100</td><td>VOID</td><td>V01D</td></th<>	F20	0104	OLOV	V010	0107	0107	0107	0100	VOID	V01D
VOID VOID <th< td=""><td>F21</td><td>VOID</td><td>0100</td><td>V01D</td><td>0100</td><td>0107</td><td>0107</td><td>0107</td><td>VOID</td><td>VOID</td></th<>	F21	VOID	0100	V01D	0100	0107	0107	0107	VOID	VOID
VOID VOID VOID VOID VOID VOID VOID	F22	VOID	VOID	0100	0100	V01D	0107	0107	VOID	0107
VOID VOID VOID VOID VOID	F23	VOID	0100	V01D	V01D	V010	VGID	0101	0107	0104
	F24	0104	VOID	VOID	0100	0100	V01D	0100	V010	010A

TABLE A-37 SYSTEM 14C STABILATOR MRD PARAMETER INPUT DATA

A-10A DAVIS MONTHAN AŁB	0.00 0.00 0.00 0.00
A-10A MYRTLE BEACH AFB	00.0 00.0 00.0 00.0 0.00
T - 38A RANDOL PH AFB	1.61 18.36 02 .02 .05
KC-135A FAIRCHILD AFB	3.96 10.38 0.00 0.00 0.00
C-141A TRAV1S AFB	11.75 74.58 1.41 0.00 0.00 .06
FB-111A PLATTSBURGH AFB	4.88 91.29 2.22 0.00 1.13
B-52G FAIRCHILD AFB	. 20
F-15A B17BURG AFB	1.38 .09 0.00 0.00 0.00
1 - 15A 1 UKE A1 B	1.48 8.97 0.00 0.00 0.00
VAR JABL E 1. D. NUMBLR	R01 R03 R05 R06

SYSTEM 14C STABILATOR EQUIPMENT PARAMETER INPUT DATA TABLE A-38

VAR JABI E J. B. NUMBE R	F - 15A I UKF AFB	F-15A BJTBURG AFB	B-52G FAIRCHILD AFB	FB-111A PLATTSBURGH AFB	C-141A TRAVIS AFB	KC-135A FAIRCHILD AFB	F-38A RANDOLPH AFB	A-10A MYRTLE BEACH AFB	A-10A DAV1S MONTHAN AFB
F01	6.00	00.9	00.9	00.9	00.9	6.00	6.00	6.00	00.9
F02	4.00	4.00	3.00	3.00	3.00	4.00	3.00	7.00	7.00
F03	300.00	300.00	2000.00	1730.00	3000.00	1600.00	800.00	800.00	800.00
F04	120.00	120.00	821.00	174.30	374.00	374.50	90.69	89.40	89.40
F05	v010	0100	V01D	0107	V01D	0100	V010	0104	VOID
F06	5.00	5.00	1.00	4.00	5.00	5.00	5.00	1.00	1.00
F07	100.00	100.00	100.00	95.00	95.00	00.66	100.00	100.00	100.00
F08	11.00	11.00	8.00	5.00	10.00	00.9	1.00	8.00	8.00
F09	100.00	100.00	100.00	50.00	VOID	100.00	0100	100.00	100.00
F10	0100	010A	0107	0100	VOID	0100	0100	VOID	4010
F11	V01D	010A	VOID	VOTO	VOID	0100	0107	0100	OIO
F12	3.00	3.00	6.00	3.00	00.9	3.00	3.00	5.00	5.00
F13	0.00	00.00	0.00	00.00	0.00	00.00	0.00	0.00	00.00
F14	0.00	00.00	0.00	00.00	0.00	00.00	0.00	0.00	00.00
F15	0.00	00.00	5.00	11.00	8.00	00.0	00.00	5.00	5.00
F16	V01D	OIOA	VOID	V01D	VOID	0100	0100	010A	0107
F17	VOID	0100	0100	V01D	VOID	VOID	0100	0100	0107
F18	0100	VOID	VOID	V01D	VOID	0100	V01D	V01D	V010
F 19	0100	0100	V01D	0100	VOID	VOID	V01D	0100	V01D
F20	V01D	V01D	0107	0100	VOID	010A	0100	0100	4010
F21	0100	0100	016.	VOID	VOID	VOID	0100	V01D	V010
F22	0100	OIOA	0100	V01D	VOID	VOID	0100	WOID	VCID
F23	V01D	0100	VOID	010/	0107	010A	0100	V01D	0104
F24	VOID	0100	0104	0104	V010	VOID	V01D	VOID	VOID
1		T	Ţ	T	T		-		

TABLE A-59 SYSTEM 14D RUDDER MRD PARAMETER INPUT DATA

AI B	E
A-10A DAV1S MONTHAN AFB	8.8.
A-10A MYR111 BLACH AFB	0.00 0.00 0.00 0.00
L- 88A RANDOLPH AFB	. 10 . 10 . 10 . 10 . 10
KC-135A FAIRCHTED AFB	1.38 0.00 0.00 0.00 0.00
C-141A TRAVIS AFB	3.21 11.40 19 0.00 0.00 0.00
FB-111A PLATTSBURGH AFB	7.11 7.11 0.00 0.00 0.00
8-52G FATRCHILD AFB	. 0.7 0.00 0.00 0.00 0.00
F-15A BITBURG AFB	. 50 4.21 . 03 0.00 0.00
1 - 15A 1 HKF AFB	. 93 9.37 0.00 0.00 0.00
VARTABLE 1.D. NUMBER	R01 R03 R04 R06

TABLE A 40 SYSTEM 14D RUDDER FOUTPMENT PARAMETER INPUT DATA

-52G FB 111A C-141A EC-135A I-38A A-10A A-10A RCHIED PLATISBURGH TRAVES FALRCHED RANDOLPH MYRFLE DAVES AFB AFB AFB MORTHAN AFB	0.00 0.00 6.00 6.00 6.00 6.00	3.00 3.00 3.00 3.00 5.00 5.00	0.00 250.00 222.00 225.00 55.00 44.00 44.00	0.50 29.30 87.00 102.80 6.40 23.50 23.50	010 v010 v010 v010 v010 v010 v010	00 1.00 1.00 1.00 1.00 1.00 1.00	0.00 95.00 95.00 100.00 100.00 100.00 100.00	0.00 4.00 10.00 9.00 1.00 5.00 5.00	0.00 95.00 85.00 95.00 100.00 100.00 100.00	010 VOID VOID VOID VOID VOID VOID	010 v010 v010 v010 v010 v010 v010	00.00 5.00 5.00 5.00 5.00 5.00 5.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 5.00 5.00	010 7.00 7.00 V010 1.00 V010 V010	0.00 0.00 0.00 0.00 0.00 0.00 0.00	010 V010 V010 V010 V010 V010	010 v010 v010 v010 v010 v010	010 V010 V010 V010 V010 V010 V010	010 A010 A010 A010 A010 A010	010 v010 v010 v010 v010 v010	010 V010 V010 V010 V010 V010	010A 010B V01D V01D V01D V01D	
8-52G FB 111A FATRCHIED PLATESBURGE AFB AFB	6.00 6.00	3.00	300.00 250.00	39.50 29.30	V010 V010	1.00	100.00 95.00	5.00 4.00	100.00 95.00	V010 V010	V01D 010V	5.00	0.00	0.00 0.00	0.00	V010 7.00	0.00	VO10 VO10	VOTO	V010 V010	V010 V010	VOID	V010 V010	VOID	
1 - 15A B1180RG AFB	00.9	4.00	14.00	20.00	VOTE	1.00	00.08	9.00	50.00	VOID	alov	5.00	00.00	0.00	4.00	5.00	00.00	VOID	VOLU	Stov	Clox	arox	Voll	VOID	
+ 15A 1011 ALB	p. 90	4.00	84.00	20.00	Olov	1.00	100.001	11.00	50.00	VOTD	VOID	5.00	0.00	0.00	4.00	5.00	0.00	010A	VOID	AOTE	Volto	Volu	alex	VOLE	
VARTABLE LD MITTER R	101	704	F03	104	504	1.00	/0+	108	F09	914		714		+ 14	+15	+ 16	11/	+ 18	£ 1	1.20	1.2.1	177	· ·	624	

SYSTEM 14H FLAP MRD PARAMETER TRPUT DATA TABLE A 41

A- 10A DAV1S MORHHAR AFB	4.51 0.00 0.00 0.00
A-10A MYR111 BLACH AFB	\$0.0 00.0 00.0 00.0
1 - 38A RAMDOLPH AFB	1.14 .37 .04 .01 .01
Kt 135A FAIRCHHUD AFB	7, 26 9, 20 0, 00 0, 00 0, 04 . 04
(141A 1RAV 1S ALB	28.56 187.05 6.75 0.00 0.00 .28
FB-111A PLATISBURGH AFB	22.03 9.09 00.00 00.00 18.
8 526 FAIRCHILD AFB	7.6.43 26.43 2.00 0.00 0.00 0.07
1 15.8 B11BBRG A118	69 - 1 - 48 - 1 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0
1 1.A	A
VARIABIT FP PRIBER	K0.2 K0.3 K0.4 K0.5 F0.5

TABLE A 42 SYSTEM 14H FLAP LOUTPMENT PARAMETER INPUT DATA

0100	V010 V010	0107	00.00	00.00	5.00	00.00	00.0	5.00	VOID	010A	100.00	8.00	VOID	9.00	(110A	86.00	200.00	7.00	2.00	A-10A DAVES BORTHAR AFB
0107	0107	0100	00.0	0.00	5.00	0.00	00.0	5.00	V01D	V01D	100.00	8.00	VOID	5.00	0100	86.00	200.00	7.00	2.00	A-10A MYR111 BFACH AFB
0100	0100	VOID	0.00	1.00	00.0	00.00	0.00	3.00	10.00	0100	100.00	1.00	100.00	5.00	4010	20.50	00.07	3.00	2.00	L. 38A RANDOLPH AFB
010A 010D	V01D	V01D	00.00	3.00	0.00	0.00	00.00	6.00	9.00	4.00	100.00	4.00	100.00	1.00	VOID	120.00	550.00	3.00	5.00	KC 135A 1 ATRCHILD AFB
010A 010A	V01D	V01D	0.00	00.9	5.00	00.00	0.00	4.00	10.00	1.00	100.00	14.00	95.00	5.00	VOTD	528.70	3 564 . 00	3.00	2.00	C. 141A IRAV IS AFB
0107	0107	VOID	0.00	00.00	5.00	00.0	0.00	4.00	0100	2.00	80.00	9.00	95.00	10.00	VOID	126.70	800.00	3.00	00.5	FB-111A PLATESBURGH AFB
010V 010D	0107	0107	00.0	3.00	5.00	0.00	0.00	1.00	5.00	4.00	160.00	9.00	100.001	1.00	0107	523.30	800.00	3.00	2.00	B-52G FAIRCHILD AFB
0100	0107	0108	00.0	9.00	1.00	0.00	00.00	5.00	10.00	4.00	100.00	00.0	100.00	1.00	0107	69.70	104.00	4.00	5.00	F-15A B11BBG ALB
010A 010D	orox orox	VOID	0.00	5.00	1.00	00.0	00.0	5.00	10.00	4.00	100,00	5.00	100.00	1.00	VOID	69.70	104,00	4.00	00.5	1 15A LUKE ALE
F20	<u> </u>	£1:8	-11	116	£15	114	<u>-</u>	£ 1.5	e see see t	91	604	¥0¥	/111	f th	105	104	103	10%	= = = = = = = = = = = = = = = = = = =	VARTABLE L P GUMBER
_										12	_									

TABLE A-45 SYSTEM 41A WATER SEPARATOR MRD PARAMETER INPUT DATA

A-10A DAVIS MONIHAN AFB	0.00 0.00 0.00 0.00
A-30A MYRILE BEACH AFB	00.000000000000000000000000000000000000
T - 38A RAHOOLPH AFB	. 84 2.44 . 40 . 01 . 01
KC-135A FAIRCHILD AFB	0.00 0.00 0.00 0.00
C-141A TRAVIS AIB	. 81 2.58 0.00 0.00 . 06
FB-111A PLATTSBURGH AFB	2.06 10.73 .50 0.00 0.00 .03
B-52G FAIRCHILD AFB	1.40 . 07 0.00 0.00 0.00
F - 15A B1 1BURG At B	0.08 0.00 0.00 0.00
1 - 15A 1988 ALB	0.00 0.00 0.00 0.00
VARTABLE 1.D. NUMBLR	K01 K03 K04 K06 K06

SYSTEM 41A WATER SEPARATOR EQUIPMENT PARAMETER INPUT DATA IABLE A-44

	_	_	_							_	_														
A-10A DAVES DORTHAR ALB	2.00	3.00	2.00	972.00	200.00	1.00	99.00	4.00	90.00	VOTD	20.00	4.00	0.00	0.00	0.00	1.00	38.00	0107	0107	0107	0107	0107	VOID	0107	
A-10A MYRTI E BEACH AFB	2.00	3.00	2.00	972.00	200.00	1.00	95.00	4.00	95.00	VOID	10.00	4.00	00.00	00.00	00.00	1.00	38.00	4010	V01D	V010	0107	0107	V01D	0101	
T - 38A RANDOLPH AFB	2.00	3.00	5.80	1434.00	120.00	1.00	100.00	00.1	100.00	VOID	Vold	4.00	.01	00.00	00.00	1.00	5.00	VOID	0107	V010	CIOA	UIOV	VOID	AOID	
KC-13SA FATRCHTED AFB	5.00	3.00	12.60	2112.00	38.00	1.00	100.00	1.00	25.00	VOID	5.00	4.00	0.00	1.00	0.00	2.00	V01D	V01D	VOID	VOID	V01D	V01D	VG1D	VOID	<u>.</u>
C-141A IRAV1S ALB	2.00	3.00	14.80	904.30	125.00	1.00	100.00	3.00	100.00	VOID	25.00	4.00	00.0	00.00	00.00	7.00	15.00	0107	V01D	VOID	V01D	V01D	V01D	VOTD	
FB-111A PLALTSBURGII ALB	4.00	3.00	9.00	1231.00	200.00	1.00	95.00	13.00	50.00	V01D	V01D	4.00	00.00	1.00	00.00	4.00	VOID	VOID	VOID	0107	VOID	VOID	0107	(II OX	
B-52G FATRCHILD AFB	5.00	3.00	5.80	1584.00	38.00	1.00	100.00	1.00	90.00	V01D	5.00	4.00	0.00	2.00	00.00	4.00	VOID	VOID	V01D	0107	VOID	VOID	0100	VOTD	
1 - 15A B11BURG Af B	2.00	3.00	9.70	/63.00	38.00	5.00	90.06	6.00	75.00	VOID	20.00	4.00	00.00	2.00	0.00	4.00	10.00	VOID	0100	VOID	010A	VOID	0107	0107	
1 - 15A 1 UK1 A1 B	2.00	3.00	9.70	763.00	38.00	5.00	100.00	5.00	75.00	4010	20.00	4.00	.21	2.00	0.00	4.00	10.00	VOTD	VOID	Volb	0100	VOID	0107	V010	
VARIABLE L.D. NUTBLE	101	102	F03	F04	F05	£06	10/	F08	103	91 +	+11	F12	F13	F14	F15	911	(1)	F18	F19	£.20	F21	122	123	1.24	
·	<u> </u>									133						_									

SYSTEM 42A GENERATOR ASSEMBLY MRD PARAMETER INPUT DATA 1ABLE A-45

A-10A DAVES HONTHAN ALIS	0.07 0.00 0.00 0.00 0.00
A-10A MYR1L1 BEACH AFB	0.00 0 00.00
L-38A RAMOOLPH AUB	. 78 9.52 . 14 . 01 . 04
KC-135A FAIRCHILD AFB	4.92 0.00 0.00 0.00
C-141A TRAVIS AFB	9.93 9.93 0.00 0.00
FB-111A PLATTSBURGH AFB	.38 .20 .09 0.00
B-52G FAIRCHILD AFB	1.13 8.88 .07 0.00 .13
F - 15A B I TBURG AI B	. 23 . 22 . 03 0.00 . 13
F - 15A LUKE ALB	2.47 2.47 .10 0.00 .03
VARTABLE 1.0. BUTHER	K03 K03 K05 R06

SYSTEM 42A GENERATOR ASSEMBLY LOUIPMENT PARAMILLER INPUT DATA TABLE A-46

A B B	r - 13A B1TBURG AFB	8-526 FAIRCHILD AFB	18-111A PLA115BURGH Af B	C-141A TRAVIS ALB	KC-135A FATRCHILD AFB	I - 38A RANDOLPH AFB	A-10A MYRTLE BEACH AFB	A - 10A DAVTS MORTHAN AFB
8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
3.00	3.00	3.00	8.00	3.00	3.00	3.00	8.00	8.00
40.00	40.00	93.00	86.00	80.00	100.00	34.50	00.07	70.00
779.30	779.30	1384.70	1329.80	1260.30	1809.50	895.00	1680.00	1680.00
200.00	200.00	V01D	300.00	252.00	V01D	200.00	180.00	180.00
8.00	8.00	10.00	6.00	5.00	10.00	10.00	9.00	9.00
96.50	75.00	100.00	90.00	95.00	100.00	100.00	90.00	00.09
6.00	00.6	6.00	14.00	00.9	00.9	5.00	4.00	8.00
85.00	75.00	90.00	95.00	100.00	95.00	90.00	75.00	85.00
1.00	1.00	1.00	2.00	1.50	1.00	1.00	2.00	2.00
5.00	10.00	200.00	20.00	12.50	50.00	100.00	100.00	200.00
3.00	3.00	3.00	3.00	3.00	3.00	3.00	00.9	9.00
.03	.13	08.	00.00	.41	.48	.17	00.00	00.00
0.00	0.00	00.00	00.00	00.0	00.00	00.00	0.00	00.00
0.00	0.00	00.00	00.0	00.0	00.00	0.00	00.00	0.00
10.00	10.00	7.00	3.00	7.00	7.00	5.00	2.00	2.00
0.00	0.00	00.00	00.00	0.00	00.00	0.00	00.00	00.00
0100	VOID	V01D	V01D	VOID	0100	VOID	0107	VOID
VOID	V01D	V01D	0100	0107	V01D	010A	0100	0100
40.00	40.00	70.00	62.50	40.00	40.00	8.00	30.00	30.00
VOID	0107	V01D	V01D	VOID	V01D	0104	V01D	V01D
VOID	VOID	VOID	VOID	VOID	0100	VOID	0100	0100
VOID	0100	VOID	VOID	VOID	V01D	V01D	0100	V01D
V61D	0107	VOID	0100	010	VOID	0100	0100	V01D

SYSTEM 44A (44A01) ANTI COLLISION LIGHTS MRD PARAMETER INPUT DATA TABLE A-47

A-10A DAVIS HURTHAN AFB	.39 .00 0.00 .17
A-10A MYRILE BEACH AFB	00.0 00.0 00.0 00.0 1.
T - 38A RANDOL PH AFB	1.16 4.01 .01 .01 .01
KC-135A FAIRCHILD AFB	0.00 0.00 0.00 0.00
C-141A TRAVIS AFB	4.75 54.47 2.47 0.00 0.00 .13
FB-111A PLATTSBURGH AFB	3.09 55.62 2.16 0.00 1.72
B-52G FAIRCHILD AFB	5.08 0.00 0.00 0.00
F-15A B11BURG AFB	1.47 9.44 . 47 0.00 0.00 . 09
F - 15A F UKE AF B	2.72 13.97 .66 0.00 0.00 .07
VARTABITE T.D. NUTBIER	K01 K03 K04 K06 K06
	136

SYSTEM 144A (44A01) ANTI COLLISION LIGHTS EQUIPMENT PARAMETER INPUT DATA **TABLE A-48**

11LD RANDOL PH MYRTLE DAVES BEACH AFB MORTHAN AFB	0 16.00 22.00 22.00	D V01D V01D V01D	0 2.00 2.00 2.00	0 180.00 193.00 193.00	D VOID VOID VOID	0 1.00 4.00 4.00	0 100.00 95.00 80.00	0 5.00 12.00 14.00	0 100.00 100.00 97.50	0 2.00 2.00 2.00	0 100.00 300.00 300.00	0 1.00 1.00 1.00	00.0 0.00 0.00 0	00.0 0.00 0.00 0	0 0.00 14.00 14.00	0 4.00 16.00 16.00	00.0 0.00 0.00 0	0 v010 v010 v010	D VOID VOID VOID	0 VOID VOID VOID	0 VOID VOID VOID	0 v010 v010 v010	0 VOID VOID VOID	0100 0100 0100 0
C-141A KC-135A TRAVIS FAIRCHILD AFB	21.00 18.00	010A 010A	15.00 4.00	720.00 187.90	V010 V01D	1.00 3.00	99.00 100.00	6.00 12.00	100.00 100.00	1.00	10.00 300.00	1.00	0.00 0.00	0.00 0.00	0.00 0.00	3.00 3.00	0.00 0.00	V01D 010V	V01D V01D	V010 V01D	V010 V01D	V01D V01D	V01D 010V	V01D V01D
FB-111A PLATTSBURGH AFB	18.00	0107	10.00	392.60	VOID	1.00	100.00	00.9	100.00	1.00	25.00	1.00	00.00	0.00	00.00	3.00	00.00	0107	dic.	0100	0100	0107	0107	0100
B-52G FAIRCHILD AFB	21.00	QIOA	2.50	368.00	VOID	3.00	100.00	6.00	100.00	1.00	200.00	1.00	0.00	0.00	0.00	3.00	0.00	0100	0107	0100	0107	0107	0107	0100
f - 15A B11BURG AFB	21.00	VOID	10.00	500.00	V01D	3.00	100.00	9.00	90.00	1.00	100.00	1.00	00.00	0.00	7.00	5.00	00.00	VOID	0107	0100	0100	0107	0107	0100
1 - 15A 1 UK ALB	21.00	VOID	10.00	500.00	VOID	1.00	95.00	10.00	90.00	1.00	50.00	1.00	0.00	0.00	9.00	5.00	0.00	0107	4010	0100	VOID	0107	VOID	VOID
VARTABLI 1.D. NUMBLR	F01	F02	F03	F04	F05	F06	F07	F08	£09	F10	F11	F12	F13	F14	F15	F16	F17	F18	61.1	F20	F21	F22	F23	F24

SYSTEM 44A (44A02) LANDING/TAXI LIGHTS MRD PARAMETER INPUT DATA **TABLE A-49**

A-10A DAVIS MONTHAN AFB	. 75 . 09 0.00 0.00 0.00
A-10A MYR1LE BEACH AFB	00.0
T-38A RANDOLPH AFB	. 73 8.82 . 48 . 04 . 01 . 08
KC-135A FAIRCHILD AFB	. 96 2.04 . 15 0.00 0.00
C-141A TRAVIS AFB	9.84 29.08 2.06 0.00 0.00 0.00
FB-111A PLATTSBURGH AFB	6.72 13.18 3.38 0.00 0.00 .28
B-52G FAIRCHILD AFB	2.13 3.89 0.00 0.00 0.00
F-15A BITBURG AFB	.50 .67 .31 0.00 0.00 0.00
F - 15A 1 UKE AI B	98. 0.00 0.00 0.00 1.0
VARTABLE L.D. NURBER	KO1 RO3 RO4 RO5 RO6
	138

SYSTEM 44A (44A02) LANDING/TAXI LIGHTS EQUIPMENT PARAMETER INPUT DATA TABLE A-50

TABLE A-51 SYSTEM 45A HYDRAULIC PUMP MRD PARAMETER INPUT DATA

A-10A BAVIS MONTHAN AFB	11.29 .04 .000 0.00
A-10A MYRTI E BEACH AFB	0.0 0.0 0.0 0.0 0.00
T - 38A RANDOLPH AFB	. 23 4.08 . 111 . 01 0.00 . 02
KC-135A FAIRCHILD AFB	1.22 7.35 .23 0.00 0.00 0.00
C-141A TRAVIS AFB	. 20 4.51 . 04 0.00 0.00
FB-111A PLATTSBURGH AFB	1.29 8.19 .20 0.00 .03
B-52G FAIRCHILD AFB	1.57 8.00 .29 0.00 1.00
F-15A BITBURG AFB	3.15 0.00 0.00 0.00 0.00
F - 15A 1 UKE AFB	5.32 . 10 0.00 0.00 0.00
VARTABLE L.D. NUMBLR	KU1 KU3 KU4 KU6 KO6
	140

SYSTEM 45A HYDRAULIC PUMP EQUIPMENT PARAMETER INPUT DATA TABLE A-52

H11 B. 00 B	VARTABLE T.B. NUMBER	1-15A 111K1 ALB	F-15A B11BURG AFB	B-52G FATRCHILD AFB	FB-111A PLALESBURGH AFB	C-141A TRAVIS AIB	KC-135A FAIRCHILD AFB	T - 38A KANDOL PH AFB	A-10A MYRTLL BEACH AFB	A-10A DAVES HONTHAN ALB
8.00 8.00 8.00 8.00 8.00 8.00 25.00 25.00 19.00 20.00 17.50 24.00 13.00 25.00 462.00 462.00 19.00 20.00 17.50 24.00 13.00 25.00	101	8.00	8.00	8.00	8.00	8.00	8.00	в.00	8.00	8.00
25.00 25.00 19.00 20.00 17.50 24.00 13.00 2 462.00 462.00 1432.00 275.00 <th< td=""><td>102</td><td>8.00</td><td>8.00</td><td>8.00</td><td>8.00</td><td>8.00</td><td>8.00</td><td>8.00</td><td>8.00</td><td>8.00</td></th<>	102	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
462.00 462.00 1432.00 480.00 416.00 275.00	£03	55.00	25.00	19.00	20.00	17.50	24.00	13.00	20.00	20.00
275.00 275.00<	104	462.00	462.00	1432.00	480.00	416.00	942.00	236.00	900.00	900.006
5.00 6.00 6.00 <th< td=""><td>F05</td><td>275.00</td><td>275.00</td><td>275.00</td><td>275.00</td><td>275.00</td><td>275.00</td><td>275.00</td><td>275.00</td><td>275.00</td></th<>	F05	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00
90.00 100.00 99.00 100.00 99.00 100.00 90.00 100.00 90.00 100.00 90.00 100.00 90.00 100.00 90.00 100.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 100.00<	F06	5.00	5.00	5.00	5.00	10.00	9.00	5.00	10.00	10.00
9.00 6.00 11.00 8.00 6.00 5.00 95.00 100.00 100.00 100.00 100.00 100.00 100.00 95.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 6.50 20.00 1.00 1.00 1.00 1.00 1.00 1.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 9.00 0.00 0.00 0.00 0.00 0.00 0.00 9.00 4.00 7.00 6.00 4.00 4.00 4.00 9.00 9.00 4.00 7.00 6.00 0.00 0.00 9.00 9.00 4.00 7.00 6.00 0.00 0.00 8.010 9.01 9.01 9.01 9.01 9.01 9.01 9.01 9.01 9.01	F0/	90.00	100.00	00.66	100.00	98.00	99.00	100.00	95.00	95.00
95.00 100.00 80.00 100.00 <td>£ 03</td> <td>9.00</td> <td>9.00</td> <td>6.00</td> <td>11.00</td> <td>8.00</td> <td>8.00</td> <td>6.00</td> <td>00.9</td> <td>6.00</td>	£ 03	9.00	9.00	6.00	11.00	8.00	8.00	6.00	00.9	6.00
1.00 1.10 1.10 1.10 1.10 1.10 1.00 <td< td=""><td>F09</td><td>95.00</td><td>100.00</td><td>100.00</td><td>80.00</td><td>100.00</td><td>100.00</td><td>100.00</td><td>00.66</td><td>99.00</td></td<>	F09	95.00	100.00	100.00	80.00	100.00	100.00	100.00	00.66	99.00
6.50 20.00 10.00	F 10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
6.00 0.00 0.00 <th< td=""><td>FII</td><td>6.50</td><td>20.00</td><td>10.00</td><td>10.00</td><td>20.00</td><td>10.00</td><td>10.00</td><td>20.00</td><td>20.00</td></th<>	FII	6.50	20.00	10.00	10.00	20.00	10.00	10.00	20.00	20.00
1.28 1.25 0.00 0.00 6.69 .16 .19 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 9.00 4.00 7.00 6.00 4.00 4.00 3250.00 3250.00 3000.00 3150.00 3050.00 3100.00 4010 4010 4.00 4.00 4.00 4.00 4010 4010 4.01 4.00 4.00 3100.00 4010 4.01 4.00 4.00 4.00 4.00 4.00 4010 4.01 4.01 4.00 4.00 4.00 4.00 4.00 4010 4.01 4.01 4.01 4.01 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00	F12	9.00	6.00	6.00	00.9	6.00	9.00	00.9	00.9	9.00
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 9.00 4.00 7.00 6.00 4.00 4.00 3250.00 3250.00 3250.00 3000.00 3150.00 3000.00 4010 4.010 4.010 4.010 4.00 4.00 4010 4.010 4.010 4.010 4.010 4.010 4010 4.010 4.010 4.010 4.010 4.010 4010 4.010 4.010 4.010 4.010 4.010 4010 4.010 4.010 4.010 4.010 4.010 4010 4.010 4.010 4.010 4.010 4.010 4010 4.010 4.010 4.010 4.010 4.010 4010 4.010 4.010 4.010 4.010 4.	113	1.28	1.25	0.00	00.00	69.9	.16	91.	.05	0.00
0.00 0.00 0.00 0.00 0.00 0.00 9.00 9.00 4.00 7.00 6.00 4.00 4.00 3250.00 3250.00 3250.00 3060.00 3150.00 3100.00 3100.00 8250.00 3250.00 3000.00 3150.00 3050.00 3100.00 3100.00 801D 801D 801D 801D 801D 801D 801D 801D 801D	F 14	00.00	0.00	0.00	00.00	0.00	0.00	00.0	00.00	0.00
9.00 9.00 4.00 7.00 6.00 4.00 4.00 325 3250.00 3250.00 3250.00 3250.00 3000.00 3150.00 3050.00 3100.00 325 VOIID VO	115	0.00	0.00	0.00	00.00	00.00	0.00	0.00	00.00	0.00
3250.00 3250.00 3000.00 3150.00 3050.00 3100.00 VOID VOID VOID VOID VOID VOID VOID	F 16	00.6	9.00	4.00	7.00	00.9	4.00	4.00	4.00	4.00
VOID VOID VOID VOID VOID VOID VOID VO	£17	3250.00	3250.00	3250.00	3000.00	3150.00	3050.00	3100.00	3200.00	3200.00
VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID	÷ 18	401D	0107	010A	0100	0100	VOID	0100	0100	0100
VOID VOID <th< td=""><td>614</td><td>Note</td><td>V01D</td><td>010A</td><td>010A</td><td>0107</td><td>VOID</td><td>VOID</td><td>VOID</td><td>0107</td></th<>	614	Note	V01D	010A	010A	0107	VOID	VOID	VOID	0107
VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID	02.1	VOID	V01D	0100	0100	V01D	4010	0101	0107	0107
VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID	121	VOID	0010A	V01D	VOID	0107	4010	0107	0104	VOID
VOID VOID VOID VOID VOID VOID VOID	122	OTOA	0100	0.07	VOID	0100	VOID	VOID	0104	VOID
VOID VOID VOID VOID VOID VOID	123	VOID	VOID	V01D	VOID	0100	VOID	0100	0104	0100
	124	0104	VOID	NOID	0107	V01D	0100	0100	VOID	บเอง

TABLE A-53 SYSTEM 46A FUFL TANKS MRD PARAMETER INPUT DATA

∞	
A- 10A DAV IS MONTHAN AFB	17. 0.00 0.00 0.00 0.05
A-10A MYRILL BEACH ALB	. 0. 0 0 . 0 0 . 0 0 . 0 0 . 0
T - 38A RANDOLPH AFB	.07 .05 .00 .01 .01
KC-135A FAIRCHTLD AFB	2.44 46.31 .15 0.00 0.00
C-141A TRAVIS AFB	5.03 24.08 .03 0.00 0.00
FB-111A PLATTSBURGH AFB	5.46 89.53 .06 0.00 0.00
B-52G FAIRCHILD AFB	1.66 44.30 2.6 0.00 0.00
I - 15A BITBURG AF B	2.44 9.71 .09 0.00 0.00
F - 15A 1 UKE AEB	1.55 14.69 0.00 0.00 0.00
VARTABLE 1.D. HUFBER	R01 R03 R05 R06
	142

SYSTEM 46A FUEL TANKS EQUIPMENT PARAMETER INPUT DATA TABLE A-54

A 10A DAVES ONTHAR ALB	2.00	8.00	Volu	08.89	Volto	9.00	95.00	12.00	100.00	VOTD	UOM	3.00	0.00	0.00	10.00	4.00	0.00	VOID	VOID	VOID	Voto	0107	VOID	olov	
A-10A MYRILL BLACH AFB	2.00	3.00	Volu	65.80	VOTB	5.00	95.00	12.00	97.50	0100	010A	3.00	0.00	00.00	10.00	4.00	0.00	0100	0100	0100	0104	0107	0100	V01D	
1 - 88A RANDOLPH AFB	9.00	1.00	VOID	58.30	VOID	5.00	100.00	1.00	100.00	VOID	VOID	3.00	0.00	0.00	0.00	4.00	0.00	V01D	VOID	V01D	V01D	0107	V01D	010A	
KC-135A FARCHTD AFB	2.00	3.00	VOID	1207.20	VOID	5.00	00.66	00.6	100.00	010A	0100	3.00	00.00	00.00	5.00	3.00	00.00	VOID	0100	VOID	VOID	VOID	0100	0100	
C-141A TRAV1S AIB	2.00	3.00	VOID	688.60	V010	15.00	96.50	10.00	96.00	0100	010V	3.00	00.00	0.00	9.00	7.00	0.00	V01D	VOID	V010	V01D	0100	VOID	V01D	
FB-111A PLATTSBURGH AFB	6.00	4.00	VOID	142.58	0107	5.00	99.00	6.00	100.00	NOID	0107	3.00	0.00	0.00	3.00	7.00	0.00	0100	V01D	VolD	0100	0107	0100	0100	
B-52G FATRCHTED AFB	2.00	3.00	0107	2553.80	V01D	5.00	00.66	10.00	100.00	0100	0100	3.00	0.00	0.00	8.00	7.00	0.00	VOID	VOID	0107	V01D	VOID	VOID	010A	
F-15A BITBURG AFB	2.00	4.00	0100	177.00	0100	4.00	100.00	10.00	100.00	V01D	V01D	00.9	00.00	00.00	8.00	7.00	00.00	0100	VOID	VOID	0100	0100	VOID	VOID	
F-15A LUKE ALB	2.00	4.00	0100	177.00	0100	10.00	95.00	7.00	80.00	VOID	0100	6.00	0.00	0.00	9.00	7.00	0.00	V01D	0107	VOID	VOID	VOID	VOID	VOID	
VARIABLE L.D. NUTHER	F01	F02	F03	104	F05	F06	F07	804	F09	F10	F11	F 12	F13	F 14	F15	F 16	F17	F18	F19	F20	F21	1.22	F23	F 24	

SYSTEM 47A (4/ADD) DXYGEN REGULATOR MRD PARAMETER INPUT DATA TABLE A-55

A 10A LAVIT. NORTHARI ALB	\$ T X 8 8 8 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
A 100. MYCH I BLACH AFB	12
RAMEN PH ALB	4. \$1. 5. 0. 10. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.
1 ATRCHILD ATR	. 22.
C-141A RAVIS AFB	11.14 0.00 0.00 0.00
FLATTSBURGH AFB	1.70 0.00 0.00 1.77
8-526 FAIRCHILD ALB	.34 1.32 .21 0.00 0.00 .04
1 - 15A B1 BHRG A1 B	. 18 4.98 7.8 .03 .03
1 - 15A 1194 A18	2.01 2.01 0.00 0.00 0.00
VARTABLE T.D. NUMBLE	K01 K03 K04 K05 K06

SYSTEM 97A 93/A019 OXYOEN REGULATOR FULLIPMENT PARAMETER INPUT DATA TABLE A SE

1	VALLANDO F. P. Mitter B.	- 1	1 15A B1180Ro AF8	B 5,75 FALPCHUD AFB	1.18 11.1A F1.41 15.80 (5.4) AF.8	LATA TRAVIO ALB	FC LCA FAIRCHIED ALB	RAMINI CH AND	A toA MTKILL BLACH ALB	A 10A DAVI.
5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 1 0.00 5 0.00 5 0.00 5 0.00 1 0.00 5 0.00 1 0.00 1 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 1 0.00 4 0.00 4 0.00 5 0.00 1 0.00 5 0.00 5 0.00 1 0.00 5 0.00 4 0.00 5 0.00 1 0.00 5 0.00 5 0.00 1 0.00 6 0.00 6 0.00 5 0.00 5 0.00 5 0.00 5 0.00 6 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 6 0.00 7 0.00 7 0.00 7 0.00 6 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 7 0.00 8 0.00 7 0.00 7 0.00 7 0.00 7 0.00 9 0.00 7 0.00 7 0.00 7 0.00 7 0.00 120 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00 120 0.00 120 0.00 9 0.00 120 0.00 120 0.00		9.		i -		35 -	E -	6] 3	
7. 36 2. 56 2. 50 1 mm 4 mm 4 mm 5 mm 1 mm		3 <u>.</u>	0m \$	8 .	90 %	(E) '4	361	96	00 3	35 ·
V- 101 V- 5 an 108.00 76.5 an 108.00 76.5 an 108.00 76.5 an 108.00 76.00 109.00 76.00 109.00 76.00 109.00 76.00 109.00 76.00 109.00 76.00 109.00 76.00 109.00 76		3;	ş.	00%	60 -	(10)	3 490	0, 1	30 ,	3.
V-1D Volto	7	74, 1381	75 (30	108.00	95 s/;	110 97,7	15, 110	E	196 00	1.18, 000
4 on 4 on 5,00 1,00 5,00 1,00 5,00 1,00 5,00 1,00 5,00 1,00 5,00 1,00 5,00 1,00 5,00 1,00 5,00 1,00 5,00 1,00 5,00 1,00 5,00 1,00 5,00 1,00 5,00 1,00 5,00 1,00 <th< td=""><td>£.</td><td>=1- ></td><td>Veft</td><td>alox</td><td>arox</td><td>Verte</td><td>07:08</td><td>Vertib</td><td>dias</td><td>VOID</td></th<>	£.	=1- >	Veft	alox	arox	Verte	07:08	Vertib	dias	VOID
64 00 64 00 45 00 100 00 45 00 100 00 45 00 100 00 45 00		E t	4 00	20.3	1.00	6, 110	6 . 136	 Ge .	6.00	001.3
11 00 5,000 11,000 7,000 7,000 7,000 6,000 7,000 6,000 95,000	7114	OH 110	60.03	95.00	100.001	100.00	95 36	100,00	99-00	10.00
90 DEC 70.00 95.00 495.00 <	5.34+	00 II	5.00	11.00	7.00	7.00	9.00	0.7	6.00	6.00
volto volto <th< td=""><td>=======================================</td><td>90.06</td><td>70.00</td><td>95.00</td><td>95.00</td><td>100,001</td><td>95.00</td><td>95.00</td><td>95.00</td><td>100.00</td></th<>	=======================================	90.06	70.00	95.00	95.00	100,001	95.00	95.00	95.00	100.00
100.00 150.00 25.00 50.00 25.00 Volth 5.00 6.00	111	gloy	V01B	010:	NO1D	Voff	VoID	(IIOA	Vote	VOID
b. 00 b. 00 <th< td=""><td>111</td><td>100.00</td><td>150.00</td><td>25.00</td><td>50.00</td><td>5.00</td><td>55.00</td><td>VOTD</td><td>5.00</td><td>6.00</td></th<>	111	100.00	150.00	25.00	50.00	5.00	55.00	VOTD	5.00	6.00
6,193 0,00 19 0,00 0,00 0,00 6,193 6,194 6,190 6,190 6,100 6,100 0,00 0,00 6,193 6,194 6,195 6,190 6,190 6,190 6,100 0,00 4,194 6,195 6,190 6,190 6,190 6,100 0,100 0,100 4,194 6,195 6,190 7,190 7,190 6,100 0,100 0,100 4,194 4,104 6,106 7,100 7,100 1,100 0,100 1,100 120,104 4,010 7,104 7,104 4,100 90,100 1,100 1,100 120,104 4,010 <td>71.</td> <td>6.0E</td> <td>9</td> <td>90.9</td> <td>00.9</td> <td>6.00</td> <td>6.00</td> <td>6.00</td> <td>b.00</td> <td>00.9</td>	71.	6.0E	9	90.9	00.9	6.00	6.00	6.00	b.00	00.9
6.383 6.300 7.300 7.300 6.300 7.300 <th< td=""><td></td><td>/01</td><td>ã.</td><td>0.00</td><td>.19</td><td>00 0</td><td>0.00</td><td>У.</td><td>00.00</td><td>00.0</td></th<>		/01	ã.	0.00	.19	00 0	0.00	У.	00.00	00.0
0.00 0.00 0.00 0.00 0.00 0.00 4.00 6.00 7.00 7.00 5.00 0.00 1.00 120.00 300.00 150.00 305.00 450.00 110.00 90.00 120.00 300.00 150.00 305.00 450.00 10.00 10.00 VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID	- 14	6.00	6.00	0.03	6.00	6.00	6.00	6.00	00.00	0.00
4.00 4.00 7.00 7.00 7.00 1.00 1.00 120.00 300.00 150.00 305.00 450.00 110.00 90.00 90.00 Vol10 Vol10 <td>-</td> <td>0.00</td> <td>00.0</td> <td>0.00</td> <td>0.00</td> <td>00.0</td> <td>0.00</td> <td>0.00</td> <td>00.0</td> <td>0.00</td>	-	0.00	00.0	0.00	0.00	00.0	0.00	0.00	00.0	0.00
120.00	116	4.00	4.00	9.00	7.00	7.00	5.00	0.00	1.00	1.00
VOID VOID <th< td=""><td>/11</td><td>120.00</td><td>120.00</td><td>300.00</td><td>150.00</td><td>305.00</td><td>450.00</td><td>110.00</td><td>90.00</td><td>90.00</td></th<>	/11	120.00	120.00	300.00	150.00	305.00	450.00	110.00	90.00	90.00
VOID VOID <th< td=""><td>- 13</td><td>VOID</td><td>VOTD</td><td>alox</td><td>0107</td><td>0107</td><td>0107</td><td>VOID</td><td>0107</td><td>V01D</td></th<>	- 13	VOID	VOTD	alox	0107	0107	0107	VOID	0107	V01D
VOID VOID <th< td=""><td>613</td><td>And</td><td>VOID</td><td>VOID</td><td>0107</td><td>0107</td><td>0107</td><td>0107</td><td>VOID</td><td>V01D</td></th<>	613	And	VOID	VOID	0107	0107	0107	0107	VOID	V01D
VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID	1.20	V010	0107	OLOV	VOID	V010	0107	010A	0107	0107
VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID	[7]	VOID	VoID	VOID	VoID	VOID	VOID	0107	0107	0107
VOID VOID VOID VOID VOID VOID VOID VOID	1.22	Valo	VOID	VOID	0107	0107	VOID	0107	0107	0107
VOID VOID VOID VOID VOID VOID VOID	123	VOID	VOID	VOID	VOID	010A	0104	VOID	010A	0107
	1.24	0107	VOID	QIOA	VOID	V01D	0107	0108	V01D	0107

SYSTEM 47A (47A02) LOX CONVERIER MRD PARAMETER INPUT DATA IABLE A-57

A-10A DAVIS MONTHAN ALIS	. 0.9 0.00 0.00 0.08
A- DAI MORTH	0 0
A-10A MYRH E BEACH AFB	. 05 . 05 0.00 0.00 . 32
1 - 38A RAHDOL PH AF B	2.14 .34 .02 .02 .10
KC-135A FAIRCHTUD AFB	. 44 2.15
C-141A TRAVIS AFB	. 47 4 . 27 . 13 0 . 00 0 . 00 . 03
1 B-111A PLATTSBURGH ALB	76. 76. 00.0 69. 69. 83.
B-52G FATRCHTD ALB	1.78 8.59 .000 0.00 0.00
F 15A BITBURG AFB	.31 4.95 0.00 0.00 .06
1 - 15A 1 11K ALB	1.25 1.25 .00 0.00 .03
VARTABIT T.D. NUMBER	R01 R03 R05 R06
	146

SYSTEM 47A (4/A02) LOX CONVERTER FQUIPMENT PARAMETER INPUT DATA 1AB11, A-58

	A C-141A KC-135A T-38A A-10A A-10A KGH TRAVIS FATRCHILD RARDOLPH MYRITT DAVIS AFB AFB AFB AFB HORIHAR AFB	5.00 3.00 3.00 3.00	8.00 8.00 8.00 11.00	35.00 37.00 16.25 10.00 10.00	25.00 8.00 5.00 5.00 5.00	VOID VOID VOID VOID VOID	5.00 4.00 5.00 6.00 6.00	90.00 100.00 100.00 100.00	8.00 4.00 6.00 5.00 6.00	90.00 85.00 100.00 100.00 100.00	VOID - VOID VOID VOID VOID	5.00 25.00 VOID 5.00 5.00	00.9 00.9 00.9 00.9	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	6.00 4.00 1.00 1.00 1.00	305.00 450.00 120.00 180.00 180.00	VOID VOID VOID VOID VOID							
	B-52G	3.00 2.00	14.00 8.00	33.00 16.00	25.00 15.00	V01D V01D	5.00	98.00	15.00 5.00	60.00 95.00	vo10 v010	25.00 50.00	00.9	0.00 0.00	0.00 0.00	0.00 0.00	2.00 4.00	450.00 110.00	VOID VOID	V01D V01D	010V 010V	V01D V01D	VOID VOID	VOID VOID	VOID VOID	
	F - 15A B11BURG AFB	3.00	9.00	17.25	9.00	0107	5.00	90.00	5.00	60.00	0104	150.00	6.00	0.00	00.0	0.00	4.00	110.00	VOID	VOID	VOID	010A	VOID	VOID	VOID	
	F-15A FURE AFB	3.00	9.00	17.25	5.00	0107	8.00	5.00	6.00	70.00	0107	100.00	6.00	0.00	00.00	0.00	4.00	110.00	VOID	V01D	OTOA	0100	VOID	V01D	VOID	
•	VARTABLE E.D. NUMBER	101	102	103	+04	105	F06	701	F08	601	619	FII	F12	F13	F14	F15	F 16	11/	118	61.19	F20	121	122	123	124	

SYSTEM 49A ENGINE FIRE DETECTION MRD PARAMETER INPUT DATA TABLE A-59

A-10A DAV15 HOHTHAN AFB	. 03 0.00 0.00 0.00
A-10A MYR11 F BL ACH AFB	. 26
1 - 38A RAMDOLPH ALB	. 02 . 03 . 04 0.00 0.00
KC-135A FAIRCHILD AFB	. 29
C-141A IRAVIS AFB	. 42
FB-111A PLATTSBURGH AFB	2.66 2.66 0.00 0.00 .06
8-526 FAIRCHILD AFB	. 40 0.00 0.00 0.00 0.00
1 - 15A B11BURG AFB	
1 - 15A 1 1 1 K L A I B	0.07 0.00 0.00 0.00 0.00
VARTABLE L.D. MIPHELR	K01 K03 K04 K05 K06
	148

SYSTEM 49A ENGINE FIRE DETECTION EQUIPMENT PARAMETER INPUT DATA TABLE A-60

FUL 8.00 1.00	VARIABLE 1.D. NUTBLE	1 - 15A 1 HK AFB	F-15A B1FBURG AFB	B-52G FAIRCHIID AFB	FB-111A PLATTSBURGH AFB	C-141A IRAVIS AFB	KC-135A FAIRCHILD AFB	T-38A RANDOLPH AFB	A-10A MYRTH BLACH AFB	A-10A DAVIS BONTHAN AFB
2.00 8.00 7.00 8.00 8.00 3.00 <th< td=""><td>F01</td><td>8.00</td><td>8.00</td><td>8.00</td><td>8.00</td><td>8.00</td><td>8.00</td><td>8.00</td><td>8.00</td><td>8.00</td></th<>	F01	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
2.00 2.00 .63 2.00 .63 .60<	F02	2.00	2.00	8.00	7.00	8.00	8.00	8.00	3.00	3.00
2.00 2.00 VOID VOID <th< td=""><td>103</td><td>2.00</td><td>2.00</td><td>.63</td><td>2.00</td><td>3.00</td><td>.63</td><td>. 50</td><td>1.00</td><td>1.00</td></th<>	103	2.00	2.00	.63	2.00	3.00	.63	. 50	1.00	1.00
VOID VOID <th< td=""><td>F04</td><td>2.00</td><td>2.00</td><td>0107</td><td>0107</td><td>.22</td><td>2.20</td><td>VOID</td><td>3.75</td><td>3.75</td></th<>	F04	2.00	2.00	0107	0107	.22	2.20	VOID	3.75	3.75
1.00 1.00 4.00 1.00 6.00 4.00 1.00 3.00 95.00 100.00 100.00 99.00 95.00 100.00 90.00 100.00 95.00 100.00 90.00 100.00 90.00 </td <td>F05</td> <td>0107</td> <td>VOID</td> <td>VOID</td> <td>NOID</td> <td>V01D</td> <td>0100</td> <td>0107</td> <td>0107</td> <td>VUID</td>	F05	0107	VOID	VOID	NOID	V01D	0100	0107	0107	VUID
95.00 100.00 49.00 95.00 100.00 95.00 95.00 90.00 95.00 100.00 95.00 100.00 95.00 100.00 95.00 100.00 95.00 100.00 95.00 100.00 95.00 100.00 95.00 100.00 95.00 100.00 95.00 100.00 95.00 100.00 95.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 85.00 100.00 100.00 100.00 85.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	£06	1.00	1.00	4.00	1.00	00.9	4.00	1.00	3.00	3.00
5.00 5.00 4.00 14.00 16.00 9.00 9.00 10.00 95.00 95.00 95.00 95.00 100.00 45.00 100.00 45.00 100.00 45.00 100.00 45.00 100.00 45.00 100.00 45.00 100.00 45.00 100.00 40.10	F07	95.00	100.00	100.00	99.00	95.00	100.00	100.00	95.00	80.00
95.00 95.00 95.00 100.00 45.00 100.00 45.00 100.00 45.00 100.00 45.00 100.00 45.00 100.00 4010 4	F08	5.00	2.00	4.00	14.00	16.00	9.00	9.00	10.00	10.00
VOID VOID <th< td=""><td>F09</td><td>95.00</td><td>95.00</td><td>100.00</td><td>95.00</td><td>95.00</td><td>100.00</td><td>100.00</td><td>85.00</td><td>80.00</td></th<>	F09	95.00	95.00	100.00	95.00	95.00	100.00	100.00	85.00	80.00
VOID VOID <th< td=""><td>F10</td><td>VOID</td><td>V01D</td><td>4010</td><td>VOID</td><td>V01D</td><td>0100</td><td>0107</td><td>0100</td><td>OLOV</td></th<>	F10	VOID	V01D	4010	VOID	V01D	0100	0107	0100	OLOV
1.00 1.00 3.00 5.00 1.00 3.00 1.00 <td< td=""><td>fп</td><td>0100</td><td>0107</td><td>V01D</td><td>VOID</td><td>0100</td><td>VOID</td><td>VOID</td><td>VOID</td><td>VOID</td></td<>	fп	0100	0107	V01D	VOID	0100	VOID	VOID	VOID	VOID
0.00 .09 0.00 1.09 0.00	F12	1.00	1.00	3.00	5.00	1.00	3.00	6.00	1.00	1.00
0.00 0.00 <td< td=""><td>F13</td><td>0.00</td><td>60.</td><td>0.00</td><td>1.09</td><td>0.00</td><td>.07</td><td>0.00</td><td>0.00</td><td>0.00</td></td<>	F13	0.00	60.	0.00	1.09	0.00	.07	0.00	0.00	0.00
5.00 5.00 0.00 0.00 6.00 8.00 9.00 3.00 7.00 3.00 4.00 8.00 9.00 3.00 7.00 3.00 4.00 8.00 9.00 3.00 7.00 3.00 4.00 8.00 9.00 9.00 3.00 7.00 8.00 8.00 9.01 9.01 9.01 9.01 9.01 9.00 8.00 9.01	F14	0.00	00.00	0.00	0.00	0.00	00.00	0.00	0.00	0.00
9.00 3.00 7.00 3.00 4.00 8.00 V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D V01D	F15	6.00	5.00	0.00	0.00	0.00	5.00	0.00	8.00	8.00
VOID VOID <th< td=""><td>F 16</td><td>9.00</td><td>9.00</td><td>3.00</td><td>7.00</td><td>3.00</td><td>3.00</td><td>4.00</td><td>в.00</td><td>8.00</td></th<>	F 16	9.00	9.00	3.00	7.00	3.00	3.00	4.00	в.00	8.00
VOID VOID <th< td=""><td>F17</td><td>0100</td><td>010A</td><td>VOID</td><td>VOID</td><td>0107</td><td>0100</td><td>VOID</td><td>V01D</td><td>0100</td></th<>	F17	0100	010A	VOID	VOID	0107	0100	VOID	V01D	0100
VOID VOID <th< td=""><td>F18</td><td>VOID</td><td>VOID</td><td>0107</td><td>V01D</td><td>0107</td><td>0100</td><td>VOID</td><td>0107</td><td>0107</td></th<>	F18	VOID	VOID	0107	V01D	0107	0100	VOID	0107	0107
VOID VOID <th< td=""><td>F19</td><td>0100</td><td>V61D</td><td>VOID</td><td>VOID</td><td>0100</td><td>V01D</td><td>VOID</td><td>0100</td><td>V01D</td></th<>	F19	0100	V61D	VOID	VOID	0100	V01D	VOID	0100	V01D
VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID	F20	VOID	VOID	VOID	0107	0100	VOID	0107	V01D	VOID
VOID VOID <th< td=""><td>F21</td><td>VOID</td><td>VOID</td><td>0100</td><td>VOID</td><td>0100</td><td>VOID</td><td>010A</td><td>VOID</td><td>0107</td></th<>	F21	VOID	VOID	0100	VOID	0100	VOID	010A	VOID	0107
VOID VOID VOID VOID VOID VOID VOID VOID	122	0100	VOID	VOID	VOID	0107	VOID	0107	VOID	OLOV
VOID VOID VOID VOID VOID VOID VOID	F23	V010	VOID	VOID	VOID	0100	VOID	010V	VOID	0100
	124	0100	0107	VOID	0100	V01D	V01D	V01D	VOID	V01D

TABLE A-61 OPERATIONAL PARAMETERS - PHASE II

VARTABLE I.D. NUMBER	LABEL NAME	KIND OF DATA REAI /SCAI ED	UNIT OF MEASURE
1001	Years Acft. Have Been on Base	Real	No. Years
005	Avg. Mission Mix	Scaled	Weighted Number
003	Avg. Take-Off Speed	Rea l	Knots
004	Median Take-Off Distance	Real	Feet
900	Percent of Max. Take-Off Wt.	Real	Percent
900	Avg. Climb Rate	Real	Feet/Min.
200	Avg. Cruise Speed	Real	Knots
800	_	Real	Feet/10
600	Avg. Descent Rate	Rea l	Feet/Min.
010	Avg. Landing Speed	Real	Knots
011	Minimum Landing Distance	Real	Feet
012	Avg. Landing Wt.	Real	1.8's/1000
013	Total Flying Hours Per Acft.	Real	Hours/Acft.
014	Training Flying Hours Per Acft.	Real	Hours/Acft.

TABLE A-61 OPERATIONAL PARAMETERS - PHASE II (CONT'D)

VARTABLE 1.D. NUMBER	LABEL NAME	KIND OF DATA REAL/SCALED	UNIT OF MEASURE
015	Operations Flying Hours Per Acft.	Real	Hours/Acft,
910	Total Landings Per Acft.	Real	Landings/Acft.
110	Training Landings Per Acft.	(kea l	l andings/Actt.
018	Operations Landings Per Acft.	Real	landings/Acft.
019	Total Sorties Per Acft.	Real	Sorties/Acft.
020	Training Sorties Per Acft.	Real	Sorties/Acft.
021	Operations Sorties Per Acft.	Real	Sorties/Acft,
022	Avg. Possessed Acft.	Real	Acft/Mo.
023	Maximum Acft. Speed	Real	Knots - Mach
024	Service Acft. Ceiling	Real	Feet/10
025	Acft. Crew Size	Keal	Number/Acft.
970	Avg. Sortie Length	Real	Hours/Sortie
027	Accidents (Major/Minor) Per Acft.	Keal	No/Acft.
028	Incidents Per Acft.	Real	No/Acft.

TABLE A-62 OPERATIONS PARAMETER INPUT DATA

A-10A DAVIS MONTHAN ALB	2.42 1.70 120.00 3750.00 3750.00 310.00 3000.00 3000.00 111.00 1000.00 27.50 469.57 140.87 328.70 228.61 68.61 60.00 228.61 68.61 60.00 228.61 61.00 20.00 2
A-10A MYRILE BEACH AFB	.67 1.90 130.00 1700.00 320.00 408.75 320.00 408.75 3500.00 115.00 1600.00 30.00 196.72 19.67 177.05 10.59 95.34 10.32 10.32 1
1-38A RANDOLPH AFB	11.75 1.00 1.00 2700.00 2700.00 4000.00 4000.00 1590.00 3500.00 3500.00 345.71 345.71 345.71 345.71 345.71 0.00 250.22 250.22 0.00 250.22 250.22 0.00 1.63 5500.00 1.38 1.38
KC-135A FAIRCHILD AFB	20.33 1.20 150.00 9500.00 1750.00 1750.00 410.00 2900.00 115.00 115.00 3500.00 127.50 237.74 202.08 237.74 202.08 237.74 202.08 237.74 40.86 4.81 27.90 5200.00 60.00 6.00
C-141A IRAVIS AFB	11.83 1.86 130.00 3800.00 430.00 3020.00 700.00 97.00 2750.00 1369.84 205.44 1150.66 792.59 118.91 665.81 364.03 365.00 1369.84 205.44 205.44 1150.66 792.59 305.47 32.00 32.00 37.00 37.00 37.00 37.00 37.00 37.00 37.00 37.00 37.00
FB-111A PLATESBURGII AFB	6.00 1.78 165.00 3800.00 79.00 2400.00 440.00 1650.00 2500.00 123.00 2000.00 314.47 109.16 204.09 187.97 49.94 136.09 83.88 22.38 60.72 32.00 2.00 3.75 3.75 3.75 3.75
B-52G FAIRCHILD AFB	7.6/ 1.10 156.00 8750.00 92.00 1500.00 450.00 2550.30 4000.00 115.00 240.00 365.27 328.74 36.53 13.15 44.27 38.27 38.27 38.27 38.27 38.27 38.27 38.27 38.27 38.27 39.84 4.43 15.00 84.27 39.84 5500.00 8.25 8.25 3.33 3.33
F - 15A B1781RG AFB	
F - 15A FUKI AFB	3.67 1.10 150.00 3500.00 83.02 4000.00 2250.00 116.00 3750.00 31.50 36.12 45.72 267.17 240.45 26.72 29.00 2.50 7000.00 2.50 7000.00 1.26 1.26 1.97
VARTABLE 1.D. RUFIBLE	001 002 003 004 007 000 001 011 011 011 012 013 012 023 024 025 027 028

TABLE A-63 ENVIRONMENTAL PARAMETERS - PHASE II

VARIABLE 1.D. NUMBER	LABEL NAME	KIND OF DATA REAL/SCALED	UNIT OF MEASURE
101	Base Altitude	Real	Fee
E02	Runway Direction	Real	Degrees
F03	Distance to Mountains	Real	Miles
E04	No. of Snow Days	Real	Days
E05	Total Snow Fall	Real	Inches
901	Mean Snow Depth	Keal	Inches
F07	No. of Rain Days	Real	Days
E08	Total Rain Fall	Real	Inches
£03	No. of Hail Days	Real	Days
E 10	Relative Humidity (avg.)	Real	Percent
£11	No. of Thunder Days	Real	Days
E12	No. of Sleet Days	Real	Days
E13	No. of Fog Days	Rea l	Days
£14	Predominate Wind Direction	Real	Degrees

ENVIRONMENTAL PARAMETERS - PHASE II (CONT'D) TABLE A-63

VARTABLE 1.D. NUMBER	LABEL NAME	KIND OF DATA REAL/SCALED	UNIT OF MEASURE
£15	Maximum Crosswind's Less Than 10 MPH	Real	Days
£ 16	Maximum Crosswind's 10-19 MPH	Real	Days
£17	Maximum Crosswind's 20-29 MPH	Real	Days
£18	Maximum Crosswind's 30-39 MPH	Real	Days
E 19	Maximum Crosswind's 40-49 MPH	Real	Days
£20	Mean Temperature	Real	Degrees "F"
£21	Mean Minimum Temperature	Real	Degrees "F"
F22	Mean Maximum Temperature	Real	Degrees "F"
E23	Days Maximum Temp. Was Above 80 ⁰ "F"	Real	Days
£24	Days Minimum Temp. Was Below 32 ⁰ "F"	Real	Days
£25	Total Number of Obstructions To Vision	Real	Number of Events
E26	Avy. Obstruction Type	Scaled	Weighted No.
121	Avg. Obstruction Severity	Scaled	Weighted No.

ABLE A-64 ENVIRONMENTAL PARAMETER INPUT DATA

8 1	
A-10A DAV15 MONTHAN AFB	2705.00 120.00 0.00 0.00 0.00 0.00 77.00 10.28 1.00 25.00 23.00 23.00 135.00 24.00 106.00 109.00 2.91 317.10
A-10A MYRTLE BEACH AFB	35.00 350.00 225.00 3.00 3.00 .70 .35 .121.00 .51.34 .1.00 .51.00 .1.00 .1.00 .1.00 .2.00 .1
1 - 38A RANDOLPH AFB	761.00 140.00 55.00 0.00 0.00 130.00 31.52 1.00 2.00 134.00 180.00 222.00 180.00 21.00 21.00 21.00 21.00 31.40 31.40 31.40 100 44.00 101.00 205.00 388.00 31.40 31.40
KC-135A FAIRCHILD AFB	2472.00 230.00 15.00 77.00 47.30 9.46 140.00 144.49 0.00 25.00 96.00 225.00 96.00 225.00 26.00 24.00 24.00 24.00 100.00 52.00 3.00 110.00 47.00 52.00 110.00
C-141A IRAVIS AFB	62.00 30.00 4.50 0.00 0.00 0.00 14.00 14.00 123.00 14.00 74.00 0.00 61.00 53.00 108.00 2.94 755.58
FB-111A PLAFTSBURGH AFB	245.46 170.00 30.00 89.00 59.90 145.00 35.73 0.00 61.00 25.00 8.00 95.00 171.00 171.00 171.00 136.00 24.00 171.00 136.00 25.00 136.00 136.00 138.00 551.00 2.69 1482.19
B-52G FAIRCHILD AFB	2472.00 230.00 15.00 77.00 47.30 9.46 140.00 14.49 0.00 55.00 10.00 25.00 26.00 26.00 26.00 26.00 26.00 27.00 100.00 36.80 198.00 36.80 198.00 36.80 110.00 25.00 26.00 27.00
f - 15A B11BURG AFB	1228.00 340.00 35.00 62.00 15.70 3.14 202.00 35.17 0.00 69.00 11.00 254.00 254.00 254.00 254.00 44.00 44.00 44.00 44.00 87.00 2.75 2.75 2.75
F - 15A LUKI ALB	1111.00 30.00 10.00 0.00 0.00 50.00 36.00 19.00 0.00 6.00 59.00 27.00 193.00 84.00 20.00 4.00 69.00 58.00 115.00 214.00 59.00 214.00 69.00 52.8.95
VAR PABLI 1.D. NUMBER	E03 E03 E03 E03 E11 E12 E13 E23 E23 E24 E25 E25 E26 E27 E27 E28 E28 E28 E28 E28 E28 E28 E28 E28 E28

TABLE A-65 MAINTENANCE PARAMETERS - PHASE II

VARIABLE		KIND OF	
I.U. NUMBER	LABEL NAME	REAL/SCALED	UNIT OF MEASURE
MO 1	Avg. OR RATE	Real	(Hrs. OR/Hours Percent Possessed)
M02	Avg. NOKM RATE	Real	(Hrs. NORM/Hours Percent Possessed)
MO 3	Avg. NURS RATE	Real	(Hrs. NORS/Hours Percent Possessed)
MO4	Total Maint, Personnel Authorized	Keal	No./Acft.
M05	Total Maint. Personnel Assigned	Real	No./Acft.
9(M)	Total 3 Level Maint, Personnel Assigned	Real	No./Acft.
/ OW	Total 5 Level Maint, Personnel Assigned	Real	No,/Acft,
MOB	Total 7 Level Maint, Personnel Assigned	Real	No./Acft.
M09		Real	No./Acft,
M10	Total Maint. Personnel Authorized (AMS)	Real	No,/Acft.
MII	Maint.	Real	No./Acft.
M12	Total 3 Level Maint Personnel Assigned (AMS)	Real	No./Acft.
M13	Total 5 Level Maint Personnel Assigned (AMS)	Real	No./Acft.
M14	Total / Level Maint Personnel Assigned (AMS)	Real	No./Acft.
	A		

TABLE A-65 MAINTENANCE PARAMETERS - PHASE II (CONT'D)

VARTABLE		KIND OF	
I.D. NUMBER	LABEL NAME	DATA REAL/SCALED	UNIT OF MEASURE
SIM	lotal 9 Level Maint Personnel Assigned (AMS)	Real	No./Acft.
M16	Total Maint. Manhours Expended Per Acft.	Real	Hours/Acft.
M17	Avg. Turn-Around Time - Maint.	Real	Clock Hours
M18	Acft. FOD (All Causes)	Real	No./Acft.
M19	Total General Support (01-09) Manhours Per Acft.	Real	Hours/Acft.
M20	Total General Support - Ol Manhours Per Acft. Ground Handling and Servicing	Real	Hours/Acft.
M2.1	Total General Support - 02 Manhours Per Acft. Aircraft Cleaning	Real	Hours/Acft.
M22	Total General Support - 03 Manhours Per Acft. Look Phase of Scheduled Inspections	Real	Hours/Acft.
M23	Total General Support - 04 Manhours Per Acft. Special Inspections	Real	Hours/Acft.
M24	Total General Support - 05 Manhours Per Acft. Preservation and Storage	Reai	Hours/Acft.
M25	Total General Support - 06 Manhours Per Acft. Arming and Disarming	Keal	Hours/Acft.
M26	lotal General Support - 07 Manhours Per Acft. Preparation and Maintenance of Records	Real	Hours/Acft.
/2W	Total General Support - 09 Manhours Per Acft. In-Shop General Support	Real	Hours/Acft.

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TABLE A-66 MAINTENANCE PARAMETER INPUT DATA

A-10A DAVIS MOHIHAN AFB	52.70 28.09 19.24 61.26 64.87 61.26 64.87 0010 0010 0010 0010 0010 2.00 2.00 2.00
A-10A MYRTLE BEACH AFB	60.83 19.10 9.04 72.58 73.58 7010 7010 7010 7010 7010 7010 83.28 183.28 183.28 183.28 183.28 183.28 183.28 183.28 183.28 183.29 183.28 183.28 183.38 183.38 183.38 183.38 183.38 183.38 183.38
T - 38A KANDOLPH AFB	64.70 26.60 7.40 7.40 7.57 2.13 3.63 1.42 1.42 1.42 1.42 1.00 91.00 91.00 92.40 8.18 8.18 8.18 92.40 11.42
KC-135A FAIRCHILD AFB	68.54 24.74 5.16 20.70 20.67 4.70 10.07 4.67 1.19 3.52 1.04 1.48 1.63 1.64 1.63 1.62.10 36.48 1.63 1.62.10 36.48 1.19 1.19 1.19 1.19 1.19 1.19 1.19 1.1
C-141A TRAVIS AFB	57.08 38.83 4.09 94.63 87.41 17.94 47.09 17.69 4.06 18.41 16.38 3.75 8.91 2.00 2.00 1407.91 75 85.58 413.75 59.98 59.98 65.68
FB-111A PLATISBURGH AFB	45.44 38.65 15.93 49.89 13.44 24.04 10.62 11.97 11.97 11.84 3.38 5.00 5.00 5.00 5.00 1440.18 5.00 73.97 64.90 1.72 10.70 72.10
8-52G FAIRCHILD AFB	44.58 44.58 8.54 42.73 42.13 9.80 20.20 9.67 2.53 8.93 9.53 2.27 2.27 2.27 2.27 2.27 2.27 2.27 2.27 2.27 2.99 8.00 8.00 8.00 92.43 0.00 6.51 41.40 159.91
I - 15A BTTBURG AFB	54.60 29.25 45.66 43.81 5.38 18.44 16.53 1.03 2.69 898.37 1.03 1.03 1.03 1.03 1.03 1.03 1.03 1.03
1 - 15A 1 UA.1 AFB	33.13 43.94 22.93 88.93 97.72 v010 v010 v010 v010 v010 v010 v010 v01
VARTABLE L.D. HUMBER	MW23 MW11 MW13 MW13 MW23 MW23 MW23 MW23 MW23 MW23 MW23 MW2

TABLE A-67 ATRCRAFT GENERAL PARAMETERS - PHASE 11

VARIABLE		KIND OF	
1.D. NUMBER	LABEL NAME	DATA REAL/SCALED	UNIT OF MEASURE
601	Years Since Aircraft Was Produced	Rea l	Years
602	Aircraft Empty Wt.	Real	1.8's/100
603	Max. Gross Wt Take-Off	Real	18's/100
604	Aircraft Wing Area	Real	Sy ft.
605	Aircraft Aspect Ratio	Real	Percent
909	Total Fuel Capacity	Real	Gallon's/10
209	Avg. Aircraft Wing Load	Real	18's/\$q, Ft.
809	Years Since Engine Production	Rea 1	Years
609	No. of Installed Engines Per Acft.	Real	Number
610	Engine Wt. Per Acft. (All Engines)	Real	18's.
611	Total Thrust Per Acft.	Real	18's/10
612	Designated Climb Rate	Real	Feet/Min/10
613	No. of Generator's Per Acft.	Real	No./Acft.
614	lotal Maint. Manhours Per Flight Hour	Real	Manhours

TABLE A-67 ATRCRAFT GENERAL PARAMETERS - PHASE II (CONT'D)

UNIT OF MEASURE	Years							
KIND OF DATA REAL/SCALED	Real							
LABEL NAME	Years Since Acft. First Flight							
VARIABLE I.D. NUMBER	615							

TABLE A-68 - AIRCRAFT GENERAL PARAMETER INPUT DATA

A-10A DAVIS ROMIHAN ALB	5.00 198.56	467.86 506.00 6.54	343.80 92.50 4.00	2.00	34.00 2.00 18.47 5.00	
A-10A DAVIS KONTHAN	5 198	467.86 506.00 6.54	343	285.40	2.00 2.00 18.47 5.00	
A-10A MYRTI E BEACH AFB	5.00	467.86 506.00 6.54	343.80 92.50 4.00	2.00 285.40 1813.00	2.00 2.00 16.79 5.00	
1 - 38A RANDOL PH AFB	18.00	117.00	60.00 00.00 07.90 010V	2.00 116.80 770.00	3350.00 2.00 14.25 19.00	
KC-135A FAURCHILD ALB	21.00	2313.40 7 06	3130.00 V010 25.00	4.00	39.82 39.82 24.00	
C-141A TRAVTS AFB	14.00	3244.00 7 90	2308.00 98.10 18.00	4.00	4.00 19.07 15.00	
FB 111A PLATTSBURGH ALB	9.00	1143.00 655.50 1 57	201.20 17.00	2.00 824.20 4070.00	2341.80 2.00 54.95 11.00	
B-52G FAIRCHILD AFB	19.00	4000.00 8 55	4657.50 122.00 25.00	8.00 3096.00 8960.00	245.00 4.00 73.36 22.00	
F - 15A B11BURG Al B	6.00	500.000	357.90 85.70 5.00	2.00 604.20 4800.00	67.25.00 2.00 40.79 6.00	
F - 15A 1 UKF AFB	6.00	500.00 608.00	357.90 85.70 5.00	2.00 604.20 4800.00	6,25.00 2.00 46.02 6.00	
VARTABLE 1.D. MUMBER	601	S S S S S S S S S S S S S S S S S S S	609 608 608	609	613 614 615	

APPENDIX B MAINTENANCE IMPACT ESTIMATING RELATIONSHIP (MIER) SCATTERPLOT IDENTIFICATION ARRAYS

The tables contained in this appendix array the Maintenance Resource Demand (MRD) variables against the candidate Maintenance Impact Parameters for each of the 12 subsystems studied during Phase I and the 13 subsystems studied during Phase II.

These tables also serve as an index to the 12,744 variable combinations that were tested across the 12 subsystems during Phase I and the 13,716 combinations tested across the 18 Phase II subsystems (26,460 total combinations). They are sequenced by subsystem and reflect the total combinations of MRD variables vs the candidate Maintenance Impact Variables for each category of parameters, i.e., equipment, operations, environmental, maintenance, and aircraft general.

Two catalogs (Phase I and Phase II) of the Maintenance Impact Estimating Relationship (MIER) scatterplots for those variable combinations that had a .5 or better correlation coefficient have been prepared as supplements to this document, so they can be retained for future studies.

The intersect box for each MRD vs Candidate Maintenance Impact Variable contained in the Appendix B Tables reflects the page number of the scatterplots contained in the MIER Supplements. For example, on Table B-1 MRD variable PO1 - Maintenance Actions Demand vs Engine Equipment variable PO2 - Total of Installed Engines, the intersect box reflects a number 7, therefore there was a correlation of .5 or better and the actual scatterplot has been cataloged on page 7 in the Phase I supplement. Those intersect blocks that are blank will tell the user that the actual correlation coefficient was less than .5 and the scatterplot was rejected and not included in the supplement. The intersect back codes of Tables B-61 through B-150 start over from 1 to relect the corresponding page numbers.

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TABLE B-1 WUC 23 - POWER PLANT MIER

CCATT	TERPLOT IDENTIFICATION ARRAY		i							
SCALI	TERPLUT TUENTIFICATION ARRAY				5	l i				
(EOIII	IPMENT VS MRD'S)			S	Ϋ́	_	_		\ [5
, = 001	THEN TO THE ST		POL MAINT ACTION DEMAND PER ACFT	PIB TOT ENG MMHRS PER ACET	P19 TÖT ENG REMOVALS PER ACFT	P20 UNSCHED ENG REMOVALS PER ACET	P21 SCHED ENG REMUVALS PER ACFT		P23 ENG AIR ABORT PER ACFI	A
			11.	ž	¥	E 2	چ چ	IND	AB	<u>ی</u>
		Š	¥ ~	<u>ş</u>	2		<u> </u>	چ چ	≃ ∤	≆
		MKD'S	2 Z		<u></u>	2 ~	S	9	۷ _	<u>-</u>
		2	POL MAINI ACTIO DEMANO PER ACFI	PIB TOT PER ACFI	PLB TOT PER ACFT	P20 UNSCHED ENGREMOVALS PER ACT	P21 SCHED ENG REMOVALS PER	P22 ENG GROUND ABORTS PER ACFT	LNG ACFT	S 7
	ENGINE EQUIPMENT PARAMETERS		_ ₹	# ×	o ≃	G €	- 5	2 3	7 2	 ≃
	•		23	<u> </u>	ΞΞ	22	52 ₹	P2 AB	P23	P24 ENG PARI CANNS PER ACET
P01	MAINT ACTION DEMAND PER ACET							1		
202	TOTAL NO OF INSTALLED ENGINES		7	43						
203	TAKE-OFF THRUST PER ENGINE					i	126	-		
204	WEIGHT PER ENGINE		5	42	77	104		176	179	
-05	VOLUME PER ENGINE		6	44	13	105		145		
206	DENSITY PER ENGINE		† 		1,5	1				
207	NO COMPRESSOR SECTIONS PER ENGINE		i							
208	NO COMPRESSOR BLADES PER ENGINE			_						
209	TURBINE SECTION SIZE		İ			 			<u></u>	
210	MAX ENGINE COMBUSTION TEMP			_		1		ĺ		
211	MAX ENGINE FUEL FLOW			i						i
212	MIN ENGINE FUEL FLOW				 	i -		 		
213	ENGINE PRIME DEPOT		j 	41	76	103		1,-1		
214	ENGINE AGE AVAILABILITY		\vdash		-	1				
215	ENGINE AGE UNRELIABILITY			 	7.2		1	1	_	i
216	ENGINE VIBRATION FACTORS			<u> </u>	 				 -	
217	TOT MAINT MMHRS PER INSTALLED ENGINE		1 4	~0	ī	1,02		i —		
218	TOT ENGINE MMHRS PER ACFT		1		 	1		 	1	· · · · · ·
719	TOT ENGINE REMOVALS PER ACET		3	39	-	 	<u> </u>	 	 	
220	UNSCHED ENGINE REMOVALS PER ACET		1 2	23	~,-	-		i -	 	
221	SCHED ENGINE REMOVALS PER ACET		<u> </u>		T	Ī		Ī		
222	ENGINE GROUND ABORTS PER ACFT					1		i –		
223	ENGINE AIR ABORTS PER ACET					1		144	i	i
>24	ENGINE PART CANNS PER ACET						i .			
				İ				1	Γ	
			<u> </u>		<u>l</u> .		<u> </u>	Ĭ	<u> </u>	<u> </u>
]				Ī	
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				L		1_	<u>L</u> _		L	
					<u>I</u>					
						1			1	
					1		1			
			<u> </u>	<u> </u>	<u> </u>	1	į .	<u> </u>	<u></u>	<u> </u>

TABLE B-2 WUC 23 - POWER PLANT MIER

SCATT	FERPLOT IDENTIFICATION ARRAY)		SO.					Ì
,					₹				S	
(OPER	RATIONS VS MRD'S)		ĕ.⊢	TOT ENG MMHRS ACLT	TOT ENG REMOVALS ACFT	l g 🗄	5	-	URI	
			POI MAINI ACTION DEMAND PER ACET	₹	3	PZO UNSCHED ENG REMOVALS PER ACE	P21 SCHED ENG REMOVALS PER ACE	P22 ENG GROUND ABORTS PER ACFT	ENG AIR ABUR ACFI	5
		S	A A	وِ	وِ	3	<u> </u>	00 ₹	~	ACL
		MRD'S	= =	27	=_	37	SE	3 =	A _	= =
		Σ	₹ 2	10 A	101 ACF	≨ਵ	P21 SCHED ENG REMOVALS PER A	P22 ENG GROUND ABORTS PER ACF	ENG	P24 ENG PARTS CANNS PER ACI
			4 A			7 3	7	7.3		# S
	OPERATIONS PARAMETERS		25	P 18	P19 PER	$\mathbb{Z} \exists$	~ ₹	F.2.	P23	걸칭
	EQUIPMENT MAD : TRANSFORM)							<u> </u>		
202	YEARS ACFT HAVE BEEN ON BASE		 							
103	AVG MISSION MIX									-
204	AIRCRAFT GROUNDED TIME		<u>!</u>						-	
205	AVG TAKE-OFF SPEED		<u> </u>							
	MEDIAN TAKE-OFF DISTANCE				-			<u> </u>	136	
206	PERCENT OF MAX TAKE-OFF WT					-		156	120	
208	AVG CLIMB RATE		, 5	78				155		254
339	AVG CRUISE SPEED			7.8				/ / / /		-
2:0	AVG CRUISE ALTITUDE		11	47		109				
711	AVG DECENT RATE		 -//		31	757	27		_	
2:2	AVG LANDING SPEED				- 3 /	- 0				
2:3	MINIMUM LANDING DISTANCE		 -							
314	AVG LANDING WT		1	46	73			54	13	
215	TOTAL FLYING HOURS PER ACFT		 	<u> </u>	-			7 -	1	
3:5	TRAINING FLYING HOURS PER ACET			 			1	·		
317	OPERATIONS FLYING HOURS PER ACET				 	-			<u> </u>	
2:3	MISC FLYING HOURS PER ACET				}					
319	TOTAL LANDINGS PER ACET				<u> </u>			1.52	<i>j</i> 3	
220	TRAINING LANDINGS PER ACET				 -			-7		
221	OPERATIONS LANDINGS PER ACET					i				
222	MISC LANDINGS PER ACFT			i				i		
023	AVG NO OF ACFT ON ALERT								1	
024	AVG NO OF DEPLOYED ACFT					<u> </u>		51		
325	TOTAL SORTIES PER ACET				5~		129		17.	
326	TRAINING SORTIES PER ACET							150	130	
027	OPERATIONS SORTIES PER ACET		12		3.5					
328	MISC SORTIES PER ACFT									
729	AVG POSSESSED ACFT							-, 2		
230	MAXIMUM ACFT SPEED]	1	1		1		}	
031	MAXIMUM ACFT CEILING									
232	ACFT GREW SIZE		-	-75	7:	107		157	137	
133	AVG SORTIE LENGTH		/3	9				153	131	
734	ACCIDENTS (MAJOR/MINOR) PER ACET		L							
035	INCIDENTS PER 4CFT						107		33	

TABLE B-3 WUC 23 - POWER PLANT MIER SCATTERPLOT IDENTIFICATION ARRAY RLMUVAL P24 FRG PART CANNS PER ACT I P18 TOT ENG MPHRS
P18 TOT ENG MPHRS
P19 TOT ENG REMOVA
PER ACFT
P20 URSCHED ENG
REMOVALS PER ACFT
P21 SCHED ENG
REMOVALS PER ACFT
P22 ENG GROUND
ABORTS PER ACFT
P23 ENG ACFT
P23 ENG ACFT
P23 ENG ACFT
P24 ENG GROUND (ENVIRONMENTAL VS MRD'S) POI MAINT ACTION DEMAND PER ACFT ENVIRONMENTAL PARAMETERS E01 EQUIPMENT MAD TRANSFORM) BASE AUTITION RUNWAY DIRECTION DISTANCE TO MOUNTAINS DIRECTION TO MOUNTAINS £02 -04 £05 NO OF SHOW DAYS 906 TOTAL SHOW FALL EQ7 MEAN SNOW DEPTH E08 NO OF RAIN DAYS £09 210 £10 NO OF HAIL DAYS RELATIVE HUMIDITY
NO OF THUNDER DAYS 1211 16 50 E13 1611 NO OF SLEET DAYS
NO OF FOG DAYS
PREDOMINATE WIND DIRECTION 214 1 215 E17 MAX CROSSWINDS LESS THAN 10 MPH MAX CROSSWINDS 10-19 MPH MAX CROSSWINDS 20-29 MPH 318 15 51 219 920 921 MAX CROSSWINDS 30-39 MPH MAX CROSSWINDS 10-19 MPH MAX CROSSWINDS GREATER THAN 50 MPH E22 MEAN TEMP ₹23 1159 /90 MEAN MIN TEMP **E24** €25 DAYS MAX TEMP WAS ABOVE BO "F" 100 /39 DAYS MEN TEMP WAS BELOW 320 "F" 227 1911 TOTAL OBSTRUCTIONS TO /ISION PRESCMINATE TYPE OF OBSTRUCTIONS F28 1:3 AVG OBSTRUCTION TYPE
AVG OBSTRUCTION SEVERITY 231

171 D194-10089-2

TABLE B-4 WUC 23 - POWER PLANT MIER

	ERPLOT IDENTIFICATION ARRAY FENANCE VS MRD'S) MAINTENANCE PARAMETERS	MKD'S	POT MATHE ACTION DEMAND PER ACFT	PIB TOT ENG MMIRS	P19 TOT ENG REMOVALS PER ACFT	PZO URSCHED ENG REMOVALS PER ACET	P21 SCHED ENG REMOVALS PER ACF1	P22 FNG GROUND ABORIS PER ACFI	PZ3 ENG AIR ABORIS PER ACFI	P24 ENG PART CANNS PER ACFI
M01 E	SUIPMENT MAD (TPANSFORM)]								
M02 1 4	NYS OR RATE						140			
	VG NORM RATE						172			2/2
	VG NORS RATE			<u> </u>						
V05 *	TOTAL MAINT PERSONNEL AUTHORIZED		<u></u>	<u></u>	<u> </u>		141			
	TOTAL MAINT PERSONNEL ASSIGNED		L			L	138			
	OTAL 3 LEVEL MAINT PERSONNEL ASSIGNED		33	1 59	43					
- i	OTAL 5 LEVEL MAINT PERSONNEL ASSIGNED		10	55	33		130			
	OTAL 7 LEVEL MAINT PERSONNEL ASSIGNED		23	164	96	140		<u>. </u>		ļ
410	OTAL 9 LEVEL MAINT PERSONNEL ASSIGNED		13	57		1/3		166		
M11 7	COTAL MAINT PERSONNEL AUTHORIZED (AMS)		12	61	1 42	116	132	107	L	
M12 T	TOTAL MAINT PERSONNEL ASSIGNED (AMS)		27	62		113	134	16.		
413	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED	(AMS)	126	63	195			100		<u> </u>
M14 1 7	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED	(AMS)	21	5-7	91	115	131	168		└
M15 7	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED	(AMS)		<u> </u>	<u> </u>	1	1			
M15	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED	(AMS)	L		1		1	!		<u> </u>
417	TOTAL MAINT MANHOURS EXPENDED PER ACET		1	73		<u> </u>	<u> </u>	<u> </u>		
M13 2	AMS MAINT MANHOURS EXPENDED PER ACET			<u></u>	36	<u> </u>	<u> </u>	1		
W19 '	MAINT CONCEPT									<u> </u>
	AVG TURN AROUND TIME MAINT						\Box	1	193	<u> </u>
	ACFT FOD (ALL CAUSES)		<u> </u>	 	<u> </u>	<u> </u>	<u> </u>	-2	192	<u> </u>
	TOT GEN SUPPORT (01-09) MHRS PER ACET		19	<u> </u>		1	ļ	<u> </u>	!	<u> </u>
	GEN SUPPORT OF MARS PER ACET		↓	50	170	114	ļ.,,	<u> </u>	<u> </u>	ļ
	GEN SUPPORT 02 MHRS PER ACET		135	20	1	1./2	137	 	 -	
	GEN SUPPORT DE MHRS PER ACET		17	54	1:5	110	!	1 2	 	
	SEN SUPPORT 04 MHRS PER ACET		-	+	!	┼	 	163	 -	
	GEN SUPPORT DE MHRS PER ACET		!	 —-		+	!	 	 	} -
	GEN SUPPORT DE MHRS PER ACET		<u> </u>	 	+-	+	:	<u> </u>		
	GEN SUPPORT OF MARS PER ACET		-		-	+	:	 	 	
M30 1	GEN SUPPORT OF MHRS PER AGET		<u> </u>	-ز ر	 	+	! -	₩	├—	1
			 	!	 	+	 	↓		+
		—	 	┼─-	+	+	 	┼	├	┼
				+	+	+-	1	 		+
—			┼	+-	+			}	├	┼
			<u> </u>	٠			1		!	ــــــــــــــــــــــــــــــــــــــ

TABLE B-5 WUC 23 - POWER PLANT MIER

SCATTERPLOT IDENTIFICATION ARRAY (AIRCRAFT GENERAL VS MRD'S) AIRCRAFT GENERAL PARAMETERS	FUL MAINT ACTION DEMAND PER ACFT	P18 10T ENG MMIKS	<u> </u>	REMOVALS PER ACFI	PZ1 SCHED ING REMOVALS PER ACET	P22 FNG GROUND ABORTS PER ACET	P23 FRG ATR ABORTS PKR ACLT	
GOT EGNISMENT WAD TRANSFORM	1					-		
GOZ ZEARS SINGE AIRCRAFT MAS PRODUCED	37	1 4 5				772	194	——i
303 ALRORAFT EMPTY WEIGHT	30	27		122		1773	4	
304 MAX GROSS WT TAKE-OFF	132	10		1/24			196	
305 AIRCRAFT WING AREA	131	8 و ا	199	1:13	 			
GOG A APPRANT ASPECT PATTO	+		-	 	1	177	197	
\ 	134	77		┼──	1	178	1 23	
308 476 AIRCPAFT WING LOAD	+	1 7 1		<u> </u>		163	144	
GO9 (EARS SINCE ENGINE PRODUCTION	135	1 72	 	 			1250	
310 ENGINES PER AIRCRAFT	1:6	169	1	1/25		1173		
311 ATROPART TOTAL ENGINE WT 312 T TOTAL THRUST PER ACET	1.9	164	1/01	1/25			1252	
G13 CLIMB PATE	+	166	171		1,43		1	
		 	+	-	1,72	176		
G14 GENERATORS PER ACET G15 MAINT MANHRS PER FIT HR		+	!	 	<u>' </u>		ذ آء ا	
316 YEARS SINCE FIRST FLIGHT	+	+				:		
315 CARS STACE 1.850 (C.30)		†	 	+		 -		
	-}	+		+	┼	+	 	
	+	+	!	+			 	
		╁	+	+	┼	<u>'</u>	 	
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			-	7		1	i —	i -

TABLE B-6 WUC 51A - FLIGHT INDICATORS MIER

	TERPLOT IDENTIFICATION ARRAY IPMENT VS MRD'S)	MUR'S	AUT MAINT ACTION DEMAND PER ACET	A21 EQUIP TOT MINIB PER ACFI	REMOVALS PER ACFT	REMOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 LUULP GRUUND ABORTS PLK ACFI	AZÓ FQUIP AIR ABORIS PER ACET	EQUIP CANNS ACLI
	AVIONICS EQUIPMENT PARAMETERS		Au.1	A21 Pf.R.	A22 REMU	A23 REMU	A24 REMU	A25 ABOR	A26 1	A27
401	MAINT ACTION DEMAND PER AGET								-	L
452	EQUIPMENT LOCATION ON ACFT			<u> </u>					<u> </u>	<u></u>
103	EDUIPMENT WEIGHT		216		759	272				132
104	EQUIPMENT VOLUME			:46						
405	SRU COUNT								L	
-06	OPERATING TEMPERATURE		219	243	263	176				<u>!</u> i
70.	COOLING METHOD			ı				1		
408	PROTECTION DEVICES			<u> </u>					1	
109	NUMBER OF TEST POINTS ORG LEVEL;			144	262	275				128
410	REQUIRED AGE		217	241	764	277				
411	AGE AVAILABILITY				1				Ī	
1 ::2	AGE UNRELIABILITY			1	Ī					
1 413 1	AVG CRERATING TIME PER SORTIE		}		1			1		
414	FAILURE, MALFUNCTION CAUSES				i					
-15	RETEST OK RATE		2:3	242	1261	274		i	1	
416	ON-OFF CYCLES PER FLYING HOUR				1	1				
1:	ON-OFF CYCLES PER SORTIE			!	i	1	Ī	$\overline{}$		
1:3	GROUND FLIGHT OPERATING RATIO			<u> </u>		i			†	
1:9	FAILURE ABORT RATIO		· · · ·	145	205	:74	i	 	 	+
120	EDUTAMENT DENSITY			1:-	1	7.73		i 	i -	1
121	EQUIPMENT TOTAL MMHRS PER AGET		213		1		i			T
122	EQUIPMENT TOTAL REMOVALS PER ACET		-14	1238	Ī		Ī	1	İ	T
423	EQUIPMENT INSCHED REMOVALS PER ACFT		i -	1	1	\vdash				
	EQUIPMENT SCHED REMOVALS PER ACET				† 	 		 	Ť	+
	EQUIPMENT GROUND ABORTS PER ACET				1	T	i			
	EQUIPMENT AIR ABORTS PER ACET			1	1	1	1	_	1	1
	EQUIPMENT CANNS PER 40FT		215	240	260	273		Ī	1	
1			Τ	1	1		ī	\Box	T	
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			1		T		Ī	Γ		
	1		1	1	 	1	i	†	†	
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				+				+		

TABLE 8-7 WUC 51A - FLIGHT INDICATORS MIER

SCATT	ERPLOT IDENTIFICATION ARRAY	Í			~					
				<u>ر</u>	A22 EQUIP TOT REMOVALS PER ACTI				2	Ì
COPER	ATIONS VS MRD'S)	1	-	A21 EQUIP TOT MMHRS PER ACFI	. MO	۵,-	-	_	AIR ABURIS	i
			35	Ē	2	E	AC.	1 E I	¥	₹
		MRD'S	PA S	101	5	3	Ō≅	35.5	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	A
		ME	_ 3	3_	ء ا	7 =	~ <u>~</u> ~	2 3	2	- I
			2 3	FOUT ACCT	E F	Ξ, <u>ζ</u>	15.54 15.54 15.54	₹.	\ <u>=</u> =	35
			MA	I K	Z Z	3	= }	7 5	Y X	_ = =
	OPERATIONS PARAMETERS		AUT MATUT ACTION DEMAND PER ACFT	A21	A22 EQUI PER ACFT	AZ3 EQUIP DASCHED REMOVALS PER ACEI	A24 EQUIP SCHED REMOVALS PER ACFI	A25 EQUIP GROUND ABORTS PER ACET	A26 LUUIP I	AZZ EQUIE CARRS PER ACEI
201	EQUIPMENT MAD (TRANSFORM)				<u> </u>	-				
202	YEARS ACET HAVE BEEN ON BASE			i				!		
203	AVG MISSION MIX				1					
1C4	AIRCRAFT GROUNDED TIME			i	1					
205	AVG TAKE-OFF SPEED				i	1		i		
306	MEDIAN TAKE-OFF DISTANCE			<u> </u>				· ·		
307	PERCENT OF MAX TAKE-OFF AT			!				$\overline{}$		
108	AVG. CLIMB RATE			1	1			1		
009	AVG CRUISE SPEED			1		i :				$\overline{}$
210	AVG CRUISE ALTITUDE		i	1	1	!		-		274
711	AVG DECENT RATE		220	1:47	 -			i	T	
312	4VG _4MDIMG SPEED			1				 -		
713	MINIMUM LANDING DISTANCE		221	1				-		
);4	AVG LANDING WT							-		
115	TOTAL FLYING HOURS PER ACET		2.2		 	1	·	1		1
215	TRAINING FLYING HOURS PER ACFT		1	i		!		T	1	
217	OPERATIONS FLYING HOURS PER ACET		223	1	 -	İ	 	1		
2:8	MISC FLYING HOURS PER ACET			- -	i i	 	i —			
2:3	TOTAL LANDINGS PER ACET				246	379	 	1		 1
320	TRAINING LANDINGS PER ACET			 	1	3.7		 		
221	SPERATIONS LANDINGS PER ACET			1			Ī	1		1
722	MISC LANDINGS PER ACET			1	T	Π		1		
323	AVG NO OF ACET ON ALERT							Ī		
324	AVG NO OF DEPLOYED ACET						i	Ī		
025	TOTAL SORTIES PER ACET		L_	<u>L</u>	1	L		L	<u>L</u>	نــــــــــــــــــــــــــــــــــــــ
226	TRAINING SORTIES PER ACET							<u> </u>	<u> </u>	
7.2.7	OPERATIONS CORTIES PER ACET		Ĺ			<u> </u>		<u> </u>	<u> </u>	<u> </u>
028	MISC SORTIES PER ACFT			<u> </u>			<u>: </u>		<u> </u>	11
029	AVG POSSESSED ACFT						<u> </u>	1	<u> </u>	
030	MAXIMUM ACET SPEED		<u> </u>				<u> </u>	<u> </u>		
231	MAKIMUM ACET SEILING			1			l			
222	ACET CREW SIZE		-	1	1	<u>i</u>	<u> </u>		-	1
233	AVG BORTIE LENGTH			<u> </u>	1	!	<u>L</u>	 	<u> </u>	<u> </u>
234	ACCIDENTS (MAJOR/MINOR) PER ACET		1	1	1			1		ļ
35	INCIDENTS PER ACET		1				<u> </u>	1	<u></u>	

TABLE B-8 WUC 51A - FLIGHT INDICATORS MIER

SCATTERPLOT IDENTIFICATION ARRAY (ENVIRONMENTAL VS MRD'S) ENVIRONMENTAL PARAMETERS	AUT MAINT ACTION DEMAND PER ACFT	A21 FQUIP TOT MARK PER ACET	A22 LOUIP TOT REMOVALS PER ACET	A23 EQUIP UNSCHED REMOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 UULP GROUND ABORTS PLR ACFT	A26 JUIP AIR ABDA, S PER ACET	A27 EQUIP CANNS PER ACFT
(EDI EDUIRMENT MAD TRANSFORM)	1	1						
EDE I BASE ALTITUDE	127	100	263	281				وذما
ECS RUNWAY DIRECTION	1.79	1 2				,	<u> </u>	<u></u> j
ED4 DISTANCE TO MOUNTAINS		Ī						
EDS DIRECTION TO MOUNTAINS			i		i -		ī	12:31
ED6 I NO OF SNOW DAYS		-		,	-			
EST I TOTAL ENOW FALL	ì	1	!		!	1		
EDB I MEAN SNOW DEPTH		Ī	1	i -		Ī		i i
EDB NO DE RAIN BAYS	1	-	i .	,	;		ī	T -
EIG TOTAL RAIN FALL	ī	1	i			!	Ī	Ī
	<u> </u>	ī		i -			1	
E11 NO OF HAIL DAYS E12 PELATIVE HUMIDITY	i	1	<u> </u>	i	1	-		
E13 NO SE THUNDER DAYS	1	1	1	!		1	Ī	
E14 NO OF SLEET DAYS	T	-	i		1	1		
E15 + NO OF FOG DAYS		1	1		ı	ı	Ī	
E16 PREDOMINATE WIND DIRECTION	Ī	1:50	\vdash	1		1		1
E17 MAX DROSSWINDS LESS THAN 10 MPH		1		-	Ī	i	1	
E13 MAX CROSSWINDS IC-19 MPH	226		1			1		
E19 MAX CROSSWINDS 20-29 MPH	124	149	1207	1:73	<u> </u>	1	T -	235
and + MAX TROSSWINDS 30-39 MPH	225		1	<u> </u>	1			
121 I MAX CPCSCWINDS 40-49 MPH				}	T		Ι	<u> </u>
EZZ MAX CROSSWINDS GREATER THAN 50 MPH			<u>į</u>				<u> </u>	
E23 MEAN TEMP				I	<u> </u>	<u> </u>	1	
ECA MEAN MIN TEMP	<u> </u>		İ			<u> </u>	<u> </u>	1
EDS MEAN MAX TEMP		1	<u> </u>	L		↓	1	
ECS DAYS MAX TEMP WAS ABOVE SOUTH	<u>L</u> _	<u> </u>	1	ļ	ــــــــــــــــــــــــــــــــــــــ	1	1	
627 DAYS MIN TEMP WAS BELOW 32"F"	ļ	<u> i </u>	1	1	<u> </u>	-		1
E28 TOTAL DBSTPUCTIONS TO /ISION	1_		1	1			1	<u> </u>
E29 PREDOMINATE TYPS OF OBSTRUCTIONS	↓		 -	1		↓	1	<u>!</u>
630 1 4VG OBSTRUCTION TYPE	<u> </u>	1	1	<u>:</u>	1	1	<u> </u>	<u>!</u>
EBL 4/G DBSTRUCTION SEVERITY	4_			<u> </u>	!	—	 	1
			-	 -	<u> </u>	+	-	
	↓		<u> </u>	<u> </u>	!	+	 	-
	1	<u> </u>	1		1	1_	1	
· ·					-		<u> </u>	-!

TABLE B-9 AUG DIA - FLIGHT INDICATORS MIER

COAT	TERPLOT IDENTIFICATION ARRAY	İ		,						
3CA.	LERFEUR TUENTIF LUATION ARRAT	l		i		i		i ,		
(MAI	NTENANCE (S MRD'S)		_	≆	-	= 4	-			i
,			AOI MAINT ACTION DEMAND PER ACFI	AZI EQUIP TOT NYHR PER ACFI	A22 EQUIP TOT REMOVALS PER ACFT	AZ3 EQUIP UNSCHED REMOVALS PER ACET	A24 FOUTP SCHED REMOVALS PER ACFT	AZS EQUIP GROUND ABORES PER ACFT	-	S
		MRD'S	AOI MAINT ACTIO DEMAND PER ACFI	10	5 ~	N N	A24 EQUIP SCHED REMOVALS PER ACT	AZS EQUIP GROUN ABORES PER ACFI	AZG EQUIP AIR ABORIS PER ACEI	AZZ EQUIP CANNS PER ACET
		옿	~ ≃	-	ر ع	್ದಿ ಪ	\ \ ≅	ے ح	~ ≃	3
		_	= =	35	A22 EQUIP TOT REMOVALS PER	13	1 = 2	: <u>5</u> 2	AZG EQUIP AIR ABORIS PER AC	==
			養養	25	3 X) 4 V A	3 8	E S	EG S	AC!
	MAINTENANCE PARAMETERS	İ	0 Z	A21 FQUI PER ACFT	22 E.M.	23	₹ ₹	5 3	26 BO	AZZ FER
			~ = =	-	< 2	∢ ×	4 2	. < <	4<	< -
401	SOULPMENT MAD TRANSFORM)								1 1	
402	AVG OR RATE			-				<u> </u>	 	!
<u> ~23</u>	AVS NORM PATE									 i
M04	AVG NORS RATE						`			
405	TOTAL MAINT PERSONNEL AUTHORIZED			<u></u>				!		
406 l	TOTAL MAINT PERSONNEL ASSIGNED		i	1			 		<u> </u>	
1 707 T	TOTAL B LEVEL MAINT PERSONNEL ASSIGNED		223				:		 	
<u>408</u>	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED		:32				<u> </u>	!	<u> </u>	
MCB 1	TOTAL TILEVEL MAINT PERSONNEL ASSIGNED					<u> </u>		!	 	
W10	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED			1	ļ			!	 	
W1: 1	TOTAL MAINT PERSONNEL AUTORIZED (AMS)			1:0	!	<u> </u>		1	 	
W12	TOTAL MAINT PERSONNEL ASSIGNED (AMS)		1 1 5	1 . 5	<u> </u>		 	1	├	! -i
M13	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED	'EMS'		1355		 	! -		}	
W.7.7	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED	<u>ः भगद्य</u>		-54	<u>!</u>	<u> </u>			 	
w15 i	CBMD. 224 JBMMD2RBS TMIAM JBVBJ 7 JATOT	-,45			<u> </u>	 			-	
*16	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED	AMS'		<u> </u>	!		<u> </u>	-	 	! ──┤
<u> </u>	TOTAL MAINT MANHOURS EXPENDED PER ACET		ه: ۵	!	<u> </u>		ļ	!	 	\vdash
w1	AMS MAINT MANHOURS EXPENDED PER ACET		L	<u> </u>	 	ļ	↓	<u> </u>	 	<u> </u>
w.3	MAINT CONCEPT		<u> </u>	<u> </u>	 		<u> </u>	1	 	
V20	AVG TURN ARCUND TIME MAINT ACET FOR ALL CAUSES)		 	 	 	 	 		 	}
451			 	!	 	 -	+		\	
M22	TOT SEN SUPPORT (01-09) MHRS PER ACET DEN SUPPORT D. MHRS PER ACET		 	 	<u>!</u> —	+		+	+	;
423 424			-	 	+	+	+	 	 	┼┤
W25			+		 	†	+	i	 	
W25	GEN SUPPORT 33 MHRS PER ACET GEN SUPPORT 34 MHRS PER ACET		+	+		 	+	+		+
1 42.7 T	SEN SUPPORT OF MERS PER ACET		 	1	†	†	+		i - -	
428	GEN SUPPORT OF MHRS PER ACET		: -	† 	+	 		 	 	 /
728 729	SEN SUPPORT OF MARS PER ACET		127	1.55	1:23	 		 	 	
430	SEN SUPPORT OF MARS PER ACET		+	+	+	†—	i -	+	+	+
730	SER SURPLY, ST MARS FER HUE		+	+	+	1	1	+	+-	
 			 		+-	+		†	T	
			1	1	+-	1	1	1	+ -	
1			 	-	†	i -	+	1	1	1
—			i - -		+	1	;	+	 	+
			·							

TABLE 8-10 W SIA - FLIGHT INDICATORS MIER

SCATTICAL TO CONTINUATION ARRAY LATRICART COLUMNAL COMPONS) ALACRART SENERAL PARAMETERS	MRD'S	AOT MAINT ACTION DEMAND PER ACET	A21 EQUIP TOT MMHR PER ACFT	A22 EQUIP TOT REMOVALS PER ACFT	A23 LIQUIP UNSCHED REMOVALS PER ACET	A24 LOHIP SCHED REMOVALS PER ACIT	AZS EQUIP GROUND ABORES PER ACET	ARORIS FIR ACH	A27 FQUIP CABINS PER ACET
GOL 1 EL COMENT MAD LITEUR DE COMP			Ī					1	
301 Filipanes Mai Teleperam 302 Read Into Deligate Cart Was POOLSES									1
1 303 1 4193948T (MRTK WEDGHT			ĺ						
I grain Man gores it cansulse					1				<u>i</u>
} 305 + 404084FT vin3 44£4)	1	į	-				
G06 4(9)7467 AUREOT HATIO				2112					, 3 /
307 - 70742 7 82 34843374			<u> </u>						
1 308 1 4.9 41919AFT WING 140		~	:55	170	1				1901
SOB PREAMO DINGE TO SINE PRODUCTION 310 PREMOINED REPUBLICARET					1				
\$10 \ ENGINES FER 41-3848*			ļ.	1	:				
1 GIL 1 ALTOPART TOTAL ENGINE WT			1						LI
				1					
GI3 CLIMB PATE			ļ]	į	i		<u> </u>	
314 GENERATORS PER ACET			1	1	į .	<u> </u>			
315 MAINT MONHAS DED FUT LA.			<u> </u>				<u> </u>	<u> </u>	
316 YEARS SINCE FIRST FLIGHT					1			<u> </u>	
			į	i			!		
				Ī			i .	<u> </u>	<u> </u>
		L					i		
				1	<u> </u>	\sqsubseteq		<u> </u>	
		<u> </u>		<u> </u>	<u> </u>			<u> </u>	<u> </u>
			<u> </u>	1	1		<u> </u>	!	
				1	! -		 - -		
			 	 	}	<u> </u>	 	1	
		 -		<u> </u>			-		
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		`			-		—	-	-

TABLE B-11 WUC 51E - AIR DATA SYSTEM MIER

	TERPLOT IDENTIFICATION ARRAY IPMENT VS MRD'S) AVIONICS EQUIPMENT PARAMETERS	MDR 1 S	AUL MAINT ACTION DEMAND PER ACFT	A21 EQUIP 10T MMHR PER ACFT	A22 EQUIP TOT REMOVALS PER ACFT	AZ3 LUUIP UNSCHLD REMOVALS PER ACFI	A24 LOUIP SCHED REMOVALS PER ACET	A25 EQUIP GROUND ABORIS PLR ACFI	AZE LQUIP AIR ABORIS PER ACFI	A27 EQUIP CARRIS PLK ACEL
40:	MAINT ACTION DEMAND PER ACET									
102 1	EQUIPMENT LOCATION ON ACF.								.0	
103	EQUIPMENT WEIGHT		~	و		1 3 1			115	
404	EQUIPMENT /OLUME		<u> </u>	3 7 7	-75					:
÷05	SRU COUNT									
÷06 !	OPERATING TEMPERATURE									
-07	JOOLING METHOD		7.7	- 3	1,1	ۇ .				
408	PROTECTION DEVICES			<u> </u>	i			<u> </u>		
703	NUMBER OF TEST POINTS FORG LEVEL;									
=10	REQUIRED AGE		-13	337	1500	- 2		1	Ĺ	
411	AGE AVAILABILITY			ĺ						
4:2	AGE UNRELIABILITY									
413	AVG OPERATING TIME PER SCRITE							i		
414	FAILURE/MALFUNCTION CAUSES				1		1	!		
415	RETEST OK RATE						Ī	t		-
116	ON-OFF CYCLES PER FLYING HOUR		- 3						ļ —	
417	ON-OFF CYCLES PER SORTIE				i		1	1		
7:3	GROUND/FLIGHT OPERATING RATIO	-	: 7:5	i T			i	1	Ī	
119	FAILURE/ABORT RATIO		1	i		<u> </u>		ī		413
:20	EQUIPMENT DENSITY									
221	EQUIPMENT TOTAL MMMRS PER ACET					[
122	EQUIPMENT TOTAL REMOVALS PER ACET		<u> </u>	<u> </u>		<u> </u>				
223	FOUTPMENT UNSCHED REMOVALS PER ACET		1.2	1:34	}					
	EQUIPMENT SCHED REMOVALS PER ACET								į .	
125	EQUIPMENT GROUND ABORTS PER ACET			<u> </u>	<u> </u>	<u>L</u>		<u>L</u>		
325	EQUIPMENT AIR ABORTS PER ACET		- 0	1.35	: 0				<u> </u>	
A27	EQUIPMENT CANNS PER ACET				<u> [] </u>	~	<u> </u>	<u> </u>	4/3	
<u></u>							1			<u> </u>
-					<u></u>		!	ļ	ļ	<u> </u>
					l	<u></u>	<u> </u>		1	
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-							1			
	·			1						
					1					
			<u> </u>		i		!	\bot	1	

TABLE B-12 WUC 51E - AIR DATA SYSTEM MIER

SCATT	ERPLOT IDENTIFICATION ARRAY				· S				i	İ
					A22 EQUIP TOT REMOVALS PER ACFT				2	1
(OPER/	ATIONS VS MRD'S)			A21 EQUIP TOT MMIRS	MOM		_		AIR ABURIS	
	•		AUT MAINT ACTION DEMAND PER ACFT	₹	3	A23 LOUIP UNSCHED	A24 LIGITP SCHED REMOVALS PER ACFT	₹	A.	~
		s	125	=	=	\? <	± K	35	×	₹
		MRD'S	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	≌ '	=	35	25	3 4	F	₹
		Ē	불분	۵.	≘_	3	ي ڪ	드루	ا∟≞ا	ا_ ڪ
			¥ ⊇	EQU I	135	3 ਵ	37	A25 LOUIP GROUND ABORIS PER ACFT	AZO EQUIP	AZZ EQUIP CANNS PER ACIT
			7 \	W &	AF	[_ 3	~≥	7 %	~ <	<
	OPERATIONS PARAMETERS		3 =	A21 PER	825 F.F.	2	2 3	125	3 =	25 E
201	CONTONENT MAD (TRANSCADM)		<u> </u>			-			$\overline{}$	
201	EQUIPMENT MAD (TRANSFORM)						 			
202	YEARS ACET HAVE BEEN ON BASE			 						
203	AVG MISSION MIX		 -					 		i
204	AIRCRAFT GROUNDED TIME		!	<u> </u>	<u> </u>	<u> </u>		<u>-</u>		
205	AVG TAKE-OFF SPEED			<u> </u>		 	<u> </u>	<u> </u>		
306	MEDIAN TAKE-OFF DISTANCE		<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u>!</u>		إ
007	PERCENT OF MAX TAKE-OFF WT		<u> </u>	<u> </u>			 	<u> </u>	!	
008	AVG. CLIMB RATE		133	1343	1:3	<u> </u>	<u> </u>	<u> </u>		
009	AVG CRUISE SPEED				<u> </u>	!	<u> </u>			
310	AVG GRUISE AUTITUDE		<u></u>	!	<u> </u>	<u>i </u>	<u> </u>	L		
1_011 [AVG DECENT RATE			172	301	13%		i		
012	AVG LANDING SPEED					:		1		
013	MINIMUM LANDING DISTANCE		300			1		1		
014	AVG LANDING AT		354	1	T	1	1			
015	TOTAL FLICING HOURS PER ACET		15%		<u> </u>	i	1	1		
016	TRAINING FLYING HOURS PER ACET									
017	OPERATIONS FLYING HOURS PER ACET			!		\vdash	T	 		
018	MISC FLYING HOURS PER ACET		 	} -		 -		 		-
719	TOTAL LANDINGS PER ACET		 		 -	 	 	-		
320	TRAINING LANDINGS PER ACET		 	-		-	 	 		
)21 I	OPERATIONS LANDINGS PER ACET		-	1	 	$\dot{\Gamma}$	 	i —		
224	MISC LANDINGS PER ACET		277		 	-	 	 		
723	AVG NO OF ACET ON ALERT		330	<u> </u>	1		i —	 -		
324	AVG NO OF DEPLOYED ACET		1				 			
025	TOTAL SORTIES PER ACET					+	 	 		
225	TRAINING SORTIES PER ACET		 	<u> </u>	+-	 	 	 	 	
327	OPERATIONS SORTIES PER ACET		\vdash	 	1 3 1 2	500	†	$\dot{ au}$	 	
323	MISC SORTIES PER ACET		┼		+	+		+	 -	
329	AVG POSSESSED ACFT			 	+	+		 	 	
			├	 	+	╁	╁	+-	 	
230	MAXIMUM ACFT SPEED		 	├—		 —	┼	ļ	 	
331	MAXIMUM_ACFT_CEILING		 	 		 	+	 	 	<u> </u>
232	ACET TREW SIZE		1	 	 	 	 	├	<u> </u>	
033	AVG SORTIE LENGTH		 	Ļ —		!	!	 		
334	ACCIDENTS (MAUGR/MINCR) PER ACET		<u> </u>	<u> </u>	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
0.35	INCIDENTS PER ACFT		<u> </u>	1	1	<u> </u>	1	<u></u>	L	

TABLE B-13 WUC 51E - AIR DATA SYSTEM MIER

	TERPLOT IDENTIFICATION ARRAY IRONMENTAL VS MRD'S) ENVIRONMENTAL PARAMETERS	MRU 'S	AOI MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MAHR PER ACET	A22 EUUTP TOT RENUVALS PER ACFT	A23 EQUIP UNSCHED REMINALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORTS PER ACET	A26 EQUIP AIR ABORTS PER ACFT	A27 EQUIP CANNS PLR ACFT
E21 T	EQUIPMENT MAD (TRANSFORM)					!			-	
E31	BASE ALTITUDE				3.7.7	~				
£33	RUNWAY DIRECTION									
E34	DISTANCE TO MOUNTAINS			i			Ī			
£05	DIRECTION TO MOUNTAINS					Ī				
£ 36	NO DE SNOW DAYS					1	1	i		
E27 1	TOTAL ENOW FALL			ļ — —		1				
E03	MEAN SHOW DEPTH				Ī	1				
E09	NO DE RAIN DAYS			1	i	T	Ť	Ī _		
E10	TOTAL PAIN FALL			Ī	1	1		i		
	NO OF MAIL DAYS			 	i –	1		1		
£12	PELATIVE HUMICITY				1	1				
E13 1	NO OF THUNDER DAYS		3.3	:47	Ī]	Ţ		
E14	NO OF SLEET DAYS				1	1	1			
d. E15 d	NO OF FOG DAYS			1						
1_516	PREDOMINATE WIND DIRECTION			3-4	1	1		1		
1 :: 1	MAX CROSSWINDS LESS THAN 10 MPH				T	Ī	Ī			
E13	MAX CROSSWINDS 10-19 MPH		1 - 1	13-5	1:0					
£:9	MAX CROSSWINDS 20-29 MPH		7.15	1:46	1;~~	249				
200	MAX CROSSWINDS 30-39 MPH			-9		14.5				
£21	MAX CROSSWINDS 40-49 MPH			<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	
E22	MAX CROSSWINDS SREATER THAN 50 MPH		!	<u> </u>		<u>L</u> _			1	<u>L</u>
E23	MEAN TEMP			1	1			<u> </u>	<u> </u>	1
£24	MEAN MIN TEMP		ļ	<u> </u>	↓	↓	1-	↓	ऻ	↓
£25	MEAN MAX TEMP		Ļ		<u> </u>	<u> </u>	 	ــــــ	Ļ	
125	BAYS MAX TEMP WAS ABOVE BOTTET		<u> </u>	!	 	↓	ļ	 	ļ	
E27	DAYS MIN TEMP WAS BELOW 320"F"		<u> </u>	<u> </u>	<u> </u>	-	1	↓	ـــــ	ļ
E23	TOTAL OBSTRUCTIONS TO VISION		 	↓	 	↓	1	1	 	<u> </u>
<u> 529</u>	PRECOMINATE TYPE OF CBSTRUCTIONS		ļ	 	 	+-	1	 	∔	┼
E30	AVG OBSTRUCTION TYPE		ļ	<u> </u>		!		 	 	1
531	AVG OBSTRUCTION SEVERITY		 	1	 	↓ _	-		 -	
			 	 	┼	↓	 	┼	+	┼──
 			 	┼	₩-	-	-		+	┿-
<u> </u>	·		 	↓		!		1	+	1-
<u> </u>			<u> </u>	٠	'	ــــــ	<u> </u>		1	

TABLE B-14 WUC 51E - AIR DATA SYSTEM MIER

	TERPLOT IDENTIFICATION ARRAY NTENANCE VS MRD'S) MAINTENANCE PARAMETERS	MRD'S	DEMAND PER ACFI	AZI EQUIP TOT NMHR PER ACFT	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED	A24 EQUIP SCHED	AZS EQUIP GROUND ABORIS PER ACFT	A26 EQUIP AIR ABURIS PER ACFI	AZZ EQUIP CANNS PER ACI I
	MAINTENANCE PARAMETERS		8 H	A2 PE	A2 RE	A 2	123	2 8 8 E	A E	4 F
<u>401</u>	EQUIPMENT MAD (TRANSFORM)						┼		┼	1
402	A/G OR RATE	_		:57		 	+		\vdash	
<u> 403 </u>	AVG YORM RATE			1397	-				\vdash	
404	AVG NORS RATE		<u> </u>	├	 		+		\leftarrow	
405	TOTAL MAINT PERSONNEL AUTHORIZED					<u> </u>	+		┼	<u> </u>
406 406	TOTAL MAINT PERSONNEL ASSIGNED			- 50	1775	┿	 -	-	\vdash	-
-40:	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED		1		331	┼─			 	†
<u> 408 </u>	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED		 `` -	1220	1331	┼─	+		 	,
409	TOTAL TIEVEL MAINT PERSONNEL ASSIGNED		1:-	٠, : ا	1		+		 	
M10	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED		1317	1 3-4	1 32	-	+			1-2
411	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)		3		1:35	 -	+-		+-	
412	TOTAL MAINT PERSONNEL ASSIGNED (AMS) TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (<u>AMS</u>		1.37	13.75	+-	-	_	+	14.3
<u> 413</u>		AMS		1:52	1:	i -	+-	1	1	1 - : 2
414	7114 3 44 44	AMS		1.72	 	Ť	十一	i	1	1
415 416		AMS		1	 	1	1	1		T
	TOTAL MAINT MANHOURS EXPENDED PER ACET		1 : 0	155	1::-	i	 	1	1	\top
417	AMS MAINT MANHOURS EXPENDED PER ACET		+	 	1	 	+	1	1	1
M19	MAINT CONCEPT		\vdash	 	+-	-	+		1	1
420	AVG TURN AROUND TIME MAINT		+	†				Ī.		
M 21	ACET FOD (ALL CAUSES)				Τ				<u> </u>	<u> </u>
422	TOT GEN SUPPORT (01-09) MHRS PER ACET		1:22	1360		1	1	1		ᆚ
M23	GEN SUPPORT OF MHRS PER ACET		1324		1				\perp	\perp
424	GEN SUPPORT DE MHRS PER ACET		1::		1:76					
425	GEN SUPPORT DE MHRS PER ACET		1: -:	1	7.7					
425	GEN SUPPORT D4 MHRS PER ACET				Ц	\perp			+	
427	GEN SUPPORT OF MHRS PER ACET		1	1:51	5]	-				+
428	GEN SUPPORT 36 MHRS PER ACET		1:-	+	1					+
W29	GEN SUPPORT OF MHRS PER ACET			37	3 \ \(\frac{1}{2} \)	-	-}-			+
4 30	GEN SUPPORT 39 MHRS PER ACET									4_
						-				
					+	-	_+-	+		
L			-						+	+-
i	l .		1	1		į	1			

TABLE B-15 WUC 51E - AIR DATA SYSTEM MIER

	TERPLOT IDENTIFICATION ARRAY CRAFT GENERAL VS MRD'S) AIRCRAFT GENERAL PARAMETERS	MRD'S	AUT MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MAHR PER ACLT	AZZ EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACLE	AZS LUUTP GROUND ABORTS PER ACET	AZE FUUTE ATR ABORES FER ACET	A27 EQUIP CAMAS PER ACET
301	EQUIPMENT MAD TRANSFORM)			ī -						
302	YEARS SINCE AIRCRAFT WAS PRODUCED			1	ļ					
303	AIRCRAFT EMPTY WEIGHT		1,30	ī		i			1	
304	MAX GROSS WT TAKE-OFF		1.1	ī	i					
305	AIRCRAFT WING AREA									
306	AIRCRAFT ASPECT RATIO								 	.:-
307	TOTAL FUEL CAPACITY					-			 	+
308	AVG_AIRCRAFT WING LOAD		:::	1.,5	1	Ī		i -	-:3	-:-
309	YEARS SINCE ENGINE PRODUCTION		17	1					 	-1
310	ENGINES PER AIRCRAFT				<u> </u>	1		i	Ī	
311	AIRCRAFT TOTAL ENGINE WT		111	ī				 -	Ī	
GIZ	TOTAL THRUST PER ACET		11.5	- • 3		_			\vdash	
313	CLIMB RATE				1	$\overline{}$		1	1	
G14	GEMERATORS PER ACET			ī —	1	$\overline{}$			i	
G15	MAINT MANHRS PER FLT HR.			i -				i		
315	YEARS SINCE FIRST FLIGHT				Ī			1		\Box
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				1	i			1	<u> </u>	
				1	 			i	1	·
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				1	1			<u> </u>		
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				ļ	<u> </u>			└		
\vdash					<u> </u>		ì	<u> </u>	<u> </u>	<u> </u>
				<u> </u>	<u>↓</u>	<u> </u>				
	·			<u> </u>	1	<u> </u>		<u> </u>	 	
				-	!	<u> </u>	<u> </u>	├	<u> </u>	-
 					<u> </u>	<u> </u>	<u></u>	-	<u> </u>	├ ─┤
				1	<u> </u>	<u> </u>		↓	ļ	
			·	<u> </u>	1	<u> </u>	1	!	1	

TABLE B-16 WYC 51N - HORIZONTAL SITUATION INDICATING MIER

SCATT	ERPLOT IDENTIFICATION ARRAY		<u> </u>							
(EQUI	PMENT VS MRD'S)		NON T:	MMHR	KGFT	CHED	EF1	91.	ABOR15	25
		MUR'S	NT ACTION PER ACFT	101 91	1P TO1 S PER /	IP UNS	IP SCHIE	IP GROUPER ACE	IP AIR	IP CAN
	AVIONICS EQUIPMENT PARAMETERS		AOT MAINT ACTION DEMAND PER ACFT	A21 EQUIP 10T MMIR PER ACFT	A22 EQUIP TOT REMOVALS PER ACFT	A23 EGUIP UNSCHED REMOVALS PER ACEI	AZA ŁOUTP SCHED REMOVALS PER ACET	A25 LOUIP GROUND ABORIS PER ACFT	AZE LUUIP AIR ABORTS	A27 EQUIP CARRS
121	MAINT ACTION DEMAND PER ACET	_								
102	EQUIPMENT LOCATION ON ACET			!		i				
403	EQUIPMENT WEIGHT									
404	ECUIPMENT VOLUME									
405	SRU COUNT		i	i	i					3.3
406	OPERATING TEMPERATURE									
=07	COOLING METHOD				:22	75 1				
108	PROTECTION DEVICES							_		-
409	NUMBER OF TEST POINTS (ORG LEVEL)		 							
310	REQUIRED AGE		J 15	1					1	
411	AGE AVAILABILITY		 						\vdash	
212	AGE JARELIABILITY		 	 						
413	AVG OPERATING TIME PER SORTIE		 	<u> </u>	1:51	. : : :	l	_	\vdash	
414	FAILURE/MALFUNCTION CAUSES				· · · · ·					
1.5	RETEST OK RATE			 -	<u></u>				 	
316			12.	 	<u></u>			!	 -	
417	ON-OFF CYCLES PER SORTIE								├──	\vdash
4:3	GROUND/FLIGHT OPERATING RATIO		-11		 -			 -	 	
7:3	FAILURE/ABORT RATIO				 		 -		├	
120	EQUIPMENT DENSITY			 	 		!	 	├	\vdash
421	EQUIPMENT TOTAL MMHRS PER ACET		426		 		<u></u>		 	
-22	EQUIPMENT TOTAL REMOVALS PER ACET		427	- y =	 			 	 	
	EQUIPMENT UNSCHED REMOVALS PER ACET		<u>- " -</u>		 	-				
124	EQUIPMENT SCHED REMOVALS PER ACET		 	┼	 				├	\vdash
425	EQUIPMENT GROUND ABORTS PER ACET		 	 -	T		 	 -		
-25	EQUIPMENT AIR ABORTS PER ACET						 			
227	EQUIPMENT CANNS PER ACET			-	 		 	;	 	
	Equal City Samuer (GX 70)		 	 	 	 		 	-	
			 -	 -	†	 	<u> </u>	 	i	
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}			 	 	 	-	! -	-		 ;
<u></u>			<u></u>		 -			<u> </u>	ــــــــــــــــــــــــــــــــــــــ	<u> </u>

TABLE B-17 WUC 51N - HORIZONTAL SITUATION INDICATING MIER

	ERPLOT IDENTIDICATION ARRAY ATIONS VS MRD'S)	Mid)'S	AUT MATHE ACTION DEMAND PER ACET	AZI EQUIP TOT MMIRS PER ACI I	A22 EQUIP TOT REMOVALS PER ACFT	A23 FOUTP UNSCHED REMOVALS PER ACET	REMOVALS PER ACFT	AZS LQUIP GROUND ABORTS PER ACLI	AZO EQHIP AIR ABURIS	FER ACE)
	CPERATIONS PARAMETERS		AU1 P	AZI EQUI	A22 E	A23 L	A24 I	A25 L ABORT	AZO L	A27 1
301	EQUIPMENT MAD (TRANSFORM)									
222	YEARS ACET HAVE BEEN ON BASE						Ĺ			
003	AVE MISSION MIX			ļ	<u> </u>					
004	AIRCRAFT GROUNDED TIME									
205	AVG TAKE-OFF SPEED			[{	Ī				
006	MEDIAN TAKE-OFF DISTANCE			,	551	-7.7				
307	PERCENT OF MAX TAKE-OFF WT					1				
208	AVG. CLIMB RATE		-30	1	: " "	Tour		ļ		
1 209	AVG CRUISE SPEED			1		 -	1			
010	AVG CRUISE ALTITUDE		10.55		1.5	15:0				
311	AVG DECENT RATE			_	ī	1				
212	CERCE DAILONS				-					=
313	MINIMUM LANDING DISTANCE			i	i	1		Ī		
214	AVG LANDING WT		- : :_	12-1	392	134	i			
315	TOTAL FLYING HOURS PER ACET		 			1335		i		
216	TRAINING FLYING HOURS PER ACET		1	 -	-	1	<u> </u>			7.4
317	OPERATIONS FLYING HOURS PER ACET			<u> </u>	 	 		 		
318	MISC FLYING HOURS PER ACFT			 -	 -	 	-	-		—— <u>i</u>
119	TOTAL LANDINGS PER ACET		 	 -		 	 			
320	TRAINING LANDINGS PER ACET				├	+-				
221	OPERATIONS LANDINGS PER ACET		 	1	i –		 			
322	MISC LANDINGS PER ACET		i	-	 		 			
223	AVG NO OF ACET ON ALERT			i 			 	 		
224	AVG 10 OF DEPLOYED ACFT		 		+		 	 	 	 -
225	TOTAL SORTIES PER ACET		1	Ī	1	1		<u> </u>	 	
026	TRAINING SORTIES PER ACET		 	<u> </u>	 	 	1	1		
227	OPERATIONS SORTIES PER ACET		1		1	T	1	T -		
328	MISC SORTIES PER ACET		 		1	_	i	 		
329	AVG POSSESSED ACFT		 		1	1	1	1		
330	MAXIMUM ACET SPEED		Ι	ī -	1	\top	ī			
231	MAXIMUM ACFT CEILING			<u> </u>	+-	+-	 	 		-
132	ACFT CREW SIZE		-		373	1:04	 	 		1
233	AVG SORTIE LENGTH		114				$\overline{}$		_	
734	ACCIDENTS (MAJOR (MINOR) PER ACET		1	 	+		 	1	 	
235	140102413		 	 		 	 	 	1	
	110.00110 01 7011		<u>'</u>				- -	<u></u>		

TABLE B-18 - WUC 51N - HORIZONTAL SITUATION INDICATING MIER

SCATTERPLOT IDENTIFICATION ARRAY (ENVIRONMENTAL VS MRD'S) ENVIRONMENTAL PARAMETERS	MRD 'S	AO1 MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MAHR PFR ACET	A22 EQUIP TOF REMOVALS PER ACFI	A23 EQUIP UNSCHED REMOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORTS PER ACFT	A26 EQUIP AIR ABORTS PER ACFT	A27 LOUIP CANNS FER ACFF
ED1 EQUIPMENT MAD (TRANSFORM)									
EC2 / BASE ALTITUDE			1						
FOR RUNWAY DIRECTION							<u> </u>		
ED4 DISTANCE TO MOUNTAINS		157	1-00		<u>L</u>				
EDS DIRECTION TO MOUNTAINS			·	7.7	<u> </u>		Ĭ	L	
EGS NO OF SNOW DAYS									
ED7 TOTAL SNOW FALL						1		<u> </u>	
EG8 MEAN SNOW DEPTH			<u> </u>	1_	1	<u> </u>	<u>1</u>		
ED9 NO OF RAIN DAYS			1					<u> </u>	<u> </u>
ELD TOTAL RAIN FALL			Ī		1	<u> </u>]	<u> </u>	<u> </u>
ELL NO OF HAIL DAYS		Ī			1	Ī		L	
E12 RELATIVE HUMIDITY			1				<u> </u>	1	<u> </u>
E13 T NO OF THUNDER DAYS		1:3	1-175	1 550	1:-0		!	1	<u> </u>
E14 NO OF SLEET DAYS		<u> </u>	<u> </u>	!		<u> </u>	<u> </u>	<u> </u>	<u> </u>
E15 ! NO OF FOG DAYS			1	<u>i </u>	1	<u> </u>		1	<u> </u>
S16 PREDOMINATE WIND DIRECTION		L	<u></u>	<u> </u>	1		<u> </u>	<u> </u>	┴
E17 MAX CROSSWINDS LESS THAN 10 MPH		1			<u> </u>			⊥	
E18 MAX GROSSWINDS 10-19 MPH				1		1	1	<u> </u>	1
E19 MAX CROSSWINDS 20-29 MPH								<u> </u>	
FRO MAX CROSSWINDS 30-39 MPH		33.7	. " "	Ι		<u> </u>	Ϊ	 	
ECT MAX CROSSWINDS 40-49 MPH		ļ		<u> </u>	<u> </u>	<u>↓</u>	ᆚ	↓	-
E22 MAX CROSSWINDS BREATER THAN 50 MPH		lacksquare	<u> </u>		<u> </u>	↓	1	Ļ	↓
ED3 MEAN TEMP		<u> </u>				1	4	↓	
E24 MEAN MIN TEMP		┼			 -	-	+	+	┼
ECS MEAN MAX TEMP			 	 	—	-		+	+
E25 DAYS MAX TEMP WAS ABOVE 30 TEM		 	+	+	+	+	+-	┼	+
E27 DAYS MIN TEMP WAS BELOW 32"E"		 	+	+		1	┼	+	+
E23 TOTAL OBSTRUCTIONS TO VISION		↓	+	+	+-	+		+	
EZ9 PREDOMINATE TYPE OF OBSTRUCTIONS				+	—	+	+	+-	+
E30 AVG OBSTRUCTION TYPE		—	 -				 	+	1::
EB1 AVG DESTRUCTION SEVERITY		┼	- -	+	+		+-	+	+
		+	+-		+-	+	+-	+	+
		+	+	+		+	4—	╁—	+
		+	ļ		1	+	+-	+-	+-
		<u> </u>		<u> </u>			٠	٠	

TABLE B-19 WUC 51N - HORIZONTAL SITUATION INDICATING MIER

SCATTERPLOT IDENTIFICATIO (MAINTENANCE VS MRD'S) MAINTENANCE PARAMETER		MRD'S	AOT MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MMBR PER ACFI	A22 FUUTP TOT REMOVALS PER ACFT	AZ3 LQUIP UNSCHED REMOVALS PLB ALEL	A24 EQUIP SCHED REMOVALS PER ACFT	A25 FOUTP GROUND ABORTS PER ACET	ASORIS PER ACTI	AZZ EQUIP CARRS PER ACLI
MO1 EQUIPMENT MAD TRANSFORM)										
MO2 AVG OR RATE						!	<u> </u>			
MOS AVG NORM RATE			~5°~	17.75	- 1					5 60
MO4 LING NORS RATE								<u> </u>		
MOS TOTAL MAINT PERSONNEL AUTHO							1			<u> </u>
MO6 TOTAL MAINT PERSONNEL ASSIG					<u> </u>					
MO7 TOTAL 3 LEVEL MAINT PERSONN	L ASSIGNED			- 11		<u> </u>	<u> </u>	<u>. </u>		
MOS TOTAL 5 LEVEL MAINT PERSONN			1145	<u> </u>		<u> </u>	 -			
MOG TOTAL 7 EVEL MAINT RERSONN	L ASSIGNED	!		2 7 7			<u> </u>			
MIO TOTAL 9 LEVEL MAINT PERSONN	EL ASSIGNED		1.1	- 73	220	1	<u> </u>	· 		-
M11 TOTAL MAINT PERSONNEL AUTHO	RIZED (AMS)		-5_	1-14		1	<u>L</u>	<u> </u>		
MIS TOTAL MAINT PERSONNEL ASSIG	(ED [AMS]		115.5			<u> </u>				
M13 TOTAL 3 LEVEL MAINT PERSONN	L ASSIGNED	(AMS)	1-0	1	= 7	<u> </u>				11
MI4 / TOTAL 5 LEVEL MAINT PERSONN	EL ASSIGNED	(AMS)	فيست	-3~	<u></u>	<u> </u>	<u> </u>	1	<u> </u>	
MIS TOTAL ? LEVEL MAINT PEPSONN	L ASSIGNED	1,45		423		<u> </u>		<u>i</u>		
MIG TOTAL 9 LEVEL MAINT PERSONN	EL ASSIGNED	AMS		- ?/		ļ		1		1
MIT I TOTAL MAINT MANHOURS EXPEND				- :			Ĺ	1	Ĺ	
M18 AMS MAINT MANHOURS EXPENDE	PER ACET]		1			
MIS MAINT CONCEPT				Ī		1		1		J j
M20 AVG TURN AROUND TIME MAINT			-57		2.5					
M21 ACFT FOD (ALL CAUSES)			<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	!	
M22 TOT GEN SUPPORT (01-09) MHR				- ";	12.3		<u> </u>	1	<u> </u>	
M23 SEN SUPPORT DI MHRS PER ACF			>	,		<u> </u>	<u> </u>	1		
M24 GEN SUPPORT D2 MHRS PER ACE			- 57	1 15		<u> </u>	ļ	1	<u> </u>	1
M25 SEN SUPPORT 03 MHRS PER ACE			1 - 3		1-0	<u> </u>	ļ	 	└ ─	<u></u> i
M26 SEN SUPPORT DA MHPS PER ACE			 	<u> </u>	 	 	Ļ	!	 	!
M27 GEN SUPPORT OF MHRS PER ACE			<u> </u>	ļ	1	ļ	1	<u> </u>	<u> </u>	!
MZ8 GEN DUPPORT D6 MHRS PER ACE			1.53		5 1	1	<u>i</u>	<u> </u>	<u> </u>	
M29 SEN SUPPORT DT MHRS PER ACE			<u> </u>	<u> </u>		1	!	↓	<u> </u>	
M30 GEN SUPPOPT DO MHRS PER ACE			44/2	- 22	7.1	1				1
			 	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>
			!	ļ	<u> </u>	<u> </u>	 	 	!	-
!			ļ	<u> </u>	<u> </u>	!	1	1	<u> </u>	
			<u> </u>	<u> </u>	1	1	<u> </u>	1	ļ	
			1	<u></u>		-	-	!	<u></u>	1

TABLE B-20 WUC 51N - HORIZONTAL SITUATION INDICATING MIER

(AIR)	TERPLOT IDENTIFICATION ARRAY CRAFT GENERAL VS MRD'S) AIRCRAFT SEMERAL PARAMETERS	MRD'S	A01 MAINT ACTION DEMAND PER ACFT	AZT LIUTE TOT IMBREET REST	A22 FQUIP TOT REMOVALS PER ACET	A23 LOUTP DRSCRED REMOVALS PER ACET	A24 LOUTE SCHED REMOVALS PER ACET	A25 FOUTP GROUND ABORES PER ACFT	AZO TQUIP ATR ABORES PER ACLI	A27 EQUIP CARRS
301	EDUTEMENT HAD (TRANSFORM)		i	ī —	p.				ī	
302	+EARC DIVICE AIRCRAFT WAS PRODUCED		,	ī —	7.1	1				
GC 3	AIRCRAFT EMPTY WEIGHT		7.1	1 - :						
304	MAIK BROSS WT TAKEAOFF			1000						
305	ACRORAFT NING AREA								 I	
306	ACRORAFT ASPECT PATIO				1			<u> </u>	1	
507	TOTAL FUEL JAPACITY			<u></u>		- 			 	—
308	479 41PGPAFT WING UDAD			1					i	
309	KEARS DINCE ENGINE PRODUCTION									
G10	ENGINES PER ALPORAFT		, -	<u> </u>	· · · ·					
311	AIRCRAFT TOTAL FLORING AT			4.50	7.25					
312	TOTAL THRUST PER ACET									
G13	CLIMB RATE		·							
314	GENERATORS PER AGET				!					
315	MAINT MANHRS DER FUT HR							<u> </u>	<u> </u>	
316	YEARS SINCE FIRST FLIGHT									—— <u> </u>
					-					
										
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					-					
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							!			

TABLE B-21 WUC 52A - AUTO PILOT MIER

SCAT	TERPLOT IDENTIFICATION ARRAY	İ	 ¦		 i					
(EQU	IPMENT VS MRD'S)			=	į				2 3	:
, ,	- -	ļ	10 L	AZI EQUIP 101 MMHR PER ACET	- - - -	A23 FOUTP UNSCHED REMOVALS LIER ALFI	= =	웆	AIR ABURIS	
		~	AUT MAINT AUTION DEMAND PER ACFT	0	A22 FQUEP TOT REMOVALS PER ACE	₹.	AZ4 EQUIP SCHED REMOVALS PER ACE	AZS FULLP GROUND ABORLS PER ACFI	=	A27 F JULY LAKE
		MOK'S	11 /	_ م.	- E		2, =	7 7	- a	1 2
		-	414	35	B A	9-4-	E S	長点	[三]	
	AVIONICS EQUIPMENT PARAMETERS	ļ	MAN	3 ×	A22 FQUEP 101 REMOVALS PER	~ 2	4 × ×	AZS FÜLTP G ABORTS PER	AZO CULLE PER ACEL	~ 4
_		ĺ	ΨΞ	8 Z	R Z	Ş₹.	₹₹	₹₹	KE.	A27
1.7	MAINT ACTION DEMAND REPLACET								-	
1 22	EGOTOMENT LOCATION ON AGET EGOTOMENT WEIGHT					٠,				
	EQUIPMENT WEIGHT			151					<u> </u>	<u></u>
	ECCIPMENT VOLUME		5	7.7	1					1
± 05!	SRU DOWY									
-06	OPERATING TEMPERATURE) -	. : :	3-1	, - 		!	<u> </u>	1
407	COCUING METHOD								1	
408	PROTECTION DEVICES			1.2	,.			Ì		
. 409	NUMBER OF TEST POINTS ORG LEVEL				ı					
_ = 10	98001880 AUS			!					1	
311	AGE AVAILABILITY			365	1,33	7.		-		
1:2	AGE UNRELIABILITY			i					Ī	1
4:3	AVG OPERATING TIME PER DORTIE			1	1675	15.15		i		
114	FAILLRE MALFUNCTION CAUSES				,	,	<u> </u>		1	
115	PETEST OK PATE		<u> </u>							
115	CN-OFF DYCLES PER FLYING HOUR				Τ	 	! !		ī	
4:7	I ON-OFF OYOURS PER SORTIE				i		i	!	Ī .	
	SROUND/FLIGHT OPERATING RATIO		 			:				1
1,3	FAILURE ABORT RATIO		505	<u></u>					i	150
	EDUTAMENT DEASTER				 					+
121	EQUIPMENT TOTAL MMHRS PER 18FT		352					1	 	7
122	EQUIPMENT FOTAL REMOVALS RER ACET		157				·	1		
	EQUIPMENT INSCHED REMOVALS PER ACET				1				i	
124	EGULPMENT SCHED FEMOVALS PER AGET					!	 -		i	
424	EQUIPMENT GROUND ABORTS PER ACET		i —		i	i	<u> </u>		i	
426	SOUTEMENT AIR ASORTS PER ACET		 	} -		 	 	 	 	
-27	FOUIPMENT CANNS PER ACET		199	:	1. ~	طازم أ	†			1
	1		1	 	:	1		 	i –	†
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			 	i —	 	1	Τ	 	i –	
}			-	-	 	<u> </u>	 	+	+	;
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<u></u>			<u> </u>					!	<u> </u>	

TABLE B-22 WUC 52A - AUTO PILOT MIER

SCATI	TERPLOT IDENTIFICATION ARRAY	· -·		·	· —			
(OPER	RATIONS VS MRD'S)	C154	lof Whee.	Lette Tot Mingle Acti	South S.A.F.E. M.D. C.A.F.E.	contrib	IR ABURIT	VIBIS
	E' P E OPERATIONS PARAMETERS	AUT MAINT ACTION DEMANDER ALLI	AZI LOJE IO	ALC LODE IN	AZSTŲDE ORGOGIO SEMONS PERALI ACTOS POSEND REMONAIS PERALEI	AZS LOUTE GROUND ABORTS PER ACT	AZO COUTE AIR ABORTS	/ Equip CARRIS
		₹ Ξ	~ <u>-</u> -	-{ T	[관립/프	A A	₹ =:	A.7. 1
201	EQUIPMENT MAD TRANSFORM)	-			-	1		
222	LEARS ACET HAVE BEEN ON BASE	-					!	
203	AVS MISSION MIX		!			-		<u> </u>
204	4140RAFT GROUNDED TIME	<u> </u>	<u> </u>	!	il			
105	AVG TAKE-OFF SPEED	ļ	, ~	<u>. </u>				
1 306 1	MEDIAN TAKEHIEF DISTANCE	<u> : </u>	<u>: </u>	-	1		<u>i</u>	
1337	PERCENT OF MAX TAKELIFF WT	!	!	!	:			77
008	AVG. CLIMB RATE		1	0	·-!	<u> </u>		
:39	AVG CRUISE SPEED	<u> </u>	·	!	<u> </u>	!	<u> </u>	
2.3	AVG CRUISE AUTIC OF	<u> </u>					!	
)::	AVG DECENT RATE	<u> </u>	!		<u>i l</u>			~
1 012 !	AVG LANGING BREED	ļ	<u> </u>	1				
1 2:3	MINIMUM LANDING DISTANCE		<u> </u>		- 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
1 014	AVG LAMDING AT	100	1	1.33	1 3.5	' '	<u>.</u>	
7:5	TOTAL FLECHS HOURS PER ACET	Ĺ			· I			7.
7:5	TRAINING FLYING HOURS PER ACET		1	:				
- 317	OPERATIONS FLYING HOURS PER ACET	ĺ	1	1	1	1		7,01
0:3	MISC FLYING HOURS PER ACFT		!	1				
013	TOTAL LANDINGS PER ACET			Ţ				
20	TRAINING LANDINGS PER AGET							
121	L OPERATIONS LANDINGS PER AGET	Ĭ					1	
022	MISS LANDINGS PER AGET	<u> </u>		!		1		
221 222 223 224	AVS NO OF ACET ON ALERT		12	1,7	,		,	
224	AVS NO DE DEPLOYED ACET							
025	TOTAL SORTIES PER AGET	L.	1					
125	TRAINING GORTIES REPLACET		1		1			
.27	OPERATIONS SORTIES PER AGET	<u> </u>						÷
	MISC SOFTIES FER ACET		1					
129	: AVG POSSESCES ACET	<u> </u>	1	i	1			
	MAXIMUM ACET GREED		1	1		ıΠ		-
23:	MAXIMUM ACET DECLING	Ī.		1	1			
1-11	1 1057 1059 1115			~ ~				
133	4-9 009708 (ENGTH	1		1				
7.04	LACTICENTO MATCO MENTO USO ACOT							
704 735	NOTE NOTE ASSOCIATED TO THE STATE OF THE STA		-			7.4		

BOEING AEROSPACE CO SEATTLE MA PRODUCT SUPPORT/EXPER--ETC F/6 1/3 DEVELOPMENT OF MAINTENANCE METRICS TO FORECAST RESOURCE DEMANDS--ETC(U) AD-A097 692 OCT 80 D K HINDES, G A WALKER, D H WILSON F33615-77-C-0075 UNCLASSIFIED D194-10089-2 NL 3 № 4

TABLE 8-23 WUC 52A - AUTO PILOT MIER

	TERPLOT IDENTIFICATION ARRAY IRONMENTAL VS MRD'S) ENVIRONMENTAL PARAMETERS	MRD'S	AO1 MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MMHR PER ACET	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORTS PER ACFT	A26 EQUIP AIR ABORTS PER ACFT	A27 EQUIP CANNS PER ACFT
E01	EQUIPMENT MAD (TRANSFORM)									
502	BASE ALTITUDE							L		\Box
E03	RUNWAY DIRECTION									
E04	DISTANCE TO MOUNTAINS							<u>L</u>		
E05	DIRECTION TO MOUNTAINS									$ldsymbol{ld}}}}}}}}}$
E06	NO OF SNOW DAYS				647					$oxed{oxed}$
E07	TOTAL SNOW FALL				,	. 7				\Box
E08	MEAN SNOW DEPTH		; 77	2.6	7-5	6:11				
E09	NO OF RAIN DAYS									\Box
E10	TOTAL RAIN FALL						İ			
E11	NO OF HAIL DAYS						Γ			
£12	RELATIVE HUMIDITY						二	L		11
E13	NO OF THUNDER DAYS		5"3		146	, 72		<u> </u>		┷┙
E14	NO OF SLEET DAYS									ᆫᆚ
€15	NO OF FOG DAYS						\Box			
£16	PREDOMINATE WIND DIRECTION			ulò			I			1
E17	MAX CROSSWINDS LESS THAN 10 MPH									
E18	MAX CROSSWINDS 10-19 MPH		570		1-3	7.1.0			1	} }
£19	MAX CROSSWINDS 20-29 MPH				-19	2.55				
E20	MAX CROSSWINDS 30-39 MPH									
E21	MAX CROSSWINDS 40-49 MPH			215						
E22	MAX CROSSWINDS GREATER THAN 50 MPH									
_E23	MEAN TEMP		5.75	10.7						
E24	MEAN MIN TEMP		573			$oxedsymbol{oxed}$				\Box
E25	MEAN MAX TEMP					0		1	L	1
E26	DAYS MAX TEMP WAS ABOVE 80"F"			633	1,5,4	7.24		╄-	<u> </u>	_
E27	DAYS MIN TEMP WAS BELOW 32"F"		574	6.4	4-1	. 35	<u> </u>	<u> </u>	ļ	<u> </u>
E28	TOTAL OBSTRUCTIONS TO VISION		L			L	<u> </u>	1		
E29	PREDOMINATE TYPE OF OBSTRUCTIONS							1	<u> </u>	
E30	AVG OBSTRUCTION TYPE		<u>L</u> _			<u></u>	<u> </u>	122	<u> </u>	
E31	AVG OBSTRUCTION SEVERITY									
							\perp	—		
L			<u></u>		<u> </u>	<u>L</u>	\bot	1	$oldsymbol{oldsymbol{oldsymbol{eta}}}$	
					1			1_	1	_
			1		1		<u> </u>	1	<u> </u>	

TABLE B-24 WUC 52A - AUTO PILOT MIER

		ē			-					
SCAT	TERPLOT IDENTIFICATION ARRAY	- 1								
		ł		یے ا						
(MAI	NTENANCE VS MRD'S)	- 1	z	MMIR	H	85		a		1
		_	A01 MAINT ACTION DEMAND PER ACFT	Σ	TOT PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACF	A25 EQUIP GROUND ABORTS PER ACFT	_ =	Š
		٦,	Ž۶	101	101 ER	Σ :	₹ ≈	AC AC	A E	¥
		1	7 3	_	P P	_ = =	ر م	3 ≈	~ ≃	
		1	<u> </u>	FQUIP ACFT	L S	34	- S	3	5 2	35
		1	至夏		A22 EQUIP REMOVALS A	2 8	ξE	A25 EQUIP GROUN ABORTS PER ACFT	A26 EQUIP AIR ABORTS PER ACFT	A27 EQUIP CANNS PER ACFT
	MAINTENANCE PARAMETERS	-1	급류	A21 Per	22 E.W.	ΩĦ	24 EM	25 BOF	55.5	A27 PER
		4	<u> </u>	A G	A &	4 ×	< ≃	< <	A	A E
401	EQUIPMENT MAD (TRANSFORM)	4								
402	AVG OR RATE	4						751		
403	AVG NORM RATE	-	574	22.	7,5					
401	AVG YORS RATE	_						- :		
405	TOTAL MAINT PERSONNEL AUTHORIZED	_								,
406	TOTAL MAINT PERSONNEL ASSIGNED									· :>
407	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED	_[571	1,22	ا ق					~
M08	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED		• 13		٠, ي	[•
M09	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED	Ī								7
M10	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED									
M11	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)	Ī	519		, ; ~					··, ?
412	TOTAL MAINT PERSONNEL ASSIGNED (AMS)	┪	10	125	15.					::5
413	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AM	Si	5:0	,10	.50					7.4
M14	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AM	Sì	512	٠;٠	25.2					
415	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AM	Sì								
M16	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AM	ΚZ								73/
M17	TOTAL MAINT MANHOURS EXPENDED PER ACET	Ť	774		٦٠٤٠					7.14
418	AMS MAINT MANHOURS EXPENEDED PER ACET	7	•			\neg				
M19	MAINT CONCEPT	+								
M20	AVG TURN AROUND TIME MAINT	+	5 : 5	7:3	- قادر					-
421	ACFT FOD (ALL CAUSES)	1			7				\neg	
M22	TOT GEN SUPPORT (01-09) MHRS PER ACFT	1	; ; ~		54					~::
M23	GEN SUPPORT O1 MHRS PER ACFT		- (5)							~
M24	GEN SUPPORT 02 MHRS PER ACET	7								-12
M25	GEN SUPPORT 03 MHRS PER ACFT	7								
M26	GEN SUPPORT 04 MHRS PER ACET	7								
M27	GEN SUPPORT OF MHRS PER ACFT	7								
M28	GEN SUPPORT OF MHRS PER ACET	7	572		3.7%					
M29	GEN SUPPORT OF MHRS PER ACFT	T	- 12	6,9						7:7
430	GEN SUPPORT OF MHRS PER ACFT	7	570	-	122					
	acti seri dati da sima i chi deri.	+			11					
		+				-			· — i	
		+								
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TABLE B-25 WUC 52A - AUTO PILOT MIER

SCATTERPLOT IDENTIFICATION ARRAY (AIRCRAFT GENERAL VS MRD'S) AIRCRAFT GENERAL PARAMETERS	MRD 'S	AUI MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MMHR PER ACFT	A22 EQUIP TOT REMOVAI S PER ACFT	A23 EQUIP UNSCHED REPROVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 LOUTP GROUND ABORTS PER ACFT	A26 EQUIP AIR ABORIS PER ACET	A27 LIUIP CANNS PER ACFI
GO1 FOULPMENT MAD (TRANSFORM)									
302 YEARS SINCE AIRCRAFT WAS PRODUCED							765		
GO3 AIRCRAFT EMPTY WEIGHT		577		٥.					
GO4 MAX GROSS WT TAKE-OFF		576	<u> </u>	`.;~			7.00		
GOS ATRORAFT WING AREA		fal ,					1724		
GO6 AIRCRAFT ASPECT RATIO							703		
GO7 TOTAL FUEL CAPACITY		.(*)		7.00			15.7		
GOB AVG AIRCRAFT WING LOAD	_	4 15	.26			L			
GO9 FEARS SINCE ENGINE PRODUCTION		4	,27	1.07					
310 ENGINES PER AIRCRAFT				Ī					
G11 AIRCRAFT TOTAL ENGINE WT				115					
G12 TOTAL THRUST PER ACFT		;~ 1		100	Ī				
G13 CLIMB RATE									
G14 GENERATORS PER ACET				Ī					
GIS MAINT MANHRS PER FLT HR.	_		i			!	i		
G16 YEARS SINCE FIRST FLIGHT		1/3	T	Ī			1		Ĭ
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TABLE B-26 WUC 63A - UHF COMMUNICATIONS SET MIER

	TERPLOT IDENTIFICATION ARRAY IPMENT VS MRD'S) AVIONICS EQUIPMENT PARAMETERS	MDR'S	ADI MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MMIR PER ACFT	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORTS PER ACFT	A26 EQUIP AIR ABORTS PER ACFI	A27 EQUIP CANNS PER ACFT
A01	MAINT ACTION DEMAND PER ACET	_								
302	EQUIPMENT LOCATION ON ACET									
403	EQUIPMENT WEIGHT		734	770	?23	7:9				
A04	EQUIPMENT VOLUME		776		1.74	740				
A05	SRU COUNT									147
406	OPERATING TEMPERATURE									
307	COOLING METHOD									
A08	PROTECTION DEVICES									
A09	NUMBER OF TEST POINTS (ORG LEVEL)									17.5
A10	REQUIRED AGE		:37	1169					I	
All	AGE AVAILABILITY								T -	
A12	AGE UNRELIABILITY									
A13	AVG OPERATING TIME PER SORTIE							\mathbb{L}_{-}		
A14	FAILURE/MALFUNCTION CAUSES								T	
A15	RETEST OK RATE									مار
416	ON-OFF CYCLES PER FLYING HOUR									
A17	ON-OFF CYCLES PER SORTIE			Γ						
418	GROUND/FLIGHT OPERATING RATIO						1	1		
A19	FAILURE/ABORT RATIO		235		305	24		Γ		
120	EQUIPMENT DENSITY									
A21	EQUIPMENT TOTAL MMHRS PER ACFT		133					<u> </u>	<u> </u>	
A22	EQUIPMENT TOTAL REMOVALS PER ACET		132	768				1	<u> </u>	
A23	EQUIPMENT UNSCHED REMOVALS PER ACFT		<u> </u>			<u> </u>	<u> </u>	١	<u>L</u> _	
A24	EQUIPMENT SCHED REMOVALS PER ACFT		Ι	<u> </u>	ļ	L	ــــ	↓	 	
A25	EQUIPMENT GROUND ABORTS PER ACFT		<u> </u>		<u> </u>	L	<u> </u>	<u> </u>	<u> </u>	
125	EQUIPMENT AIR ABORTS PER ACFT		<u> </u>	<u> </u>	↓		 	 	↓	
227	EQUIPMENT CANNS PER ACFT		 	├	 	 	<u> </u>	ļ	 	<u> </u>
	<u></u>		<u> </u>	<u> </u>	 	<u> </u>	1	 	<u> </u>	
L	<u> </u>			↓	 	<u> </u>	 	_	<u> </u>	
<u></u>					<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
				<u> </u>	4_	<u> </u>	-	↓	<u> </u>	
<u> </u>		_	↓	 -	↓		↓	↓	 	
				<u> </u>	 	-	 	↓	 	↓
				<u> </u>	1	L_	1	1	1	<u></u>
		_			1	1	1	<u></u>		نسل

TABLE B-27 WUC 63A - UHF COMMUNICATIONS SET MIER

	ERPLOT IDENTIFICATION ARRAY ATIONS VS MRD'S) CPERATIONS PARAMETERS	MRD'S	DEMAND PER ACFT	A21 EQUIP TOT MYHRS PER ACFT	A22 EQUIP TOT REMOVALS PER ACFT	AZ3 EQUIP UNSCHED REMOVALS PER ACET	A24 EQUIP SCHED HEMUYALS PER ACFT	A25 EQUIP GROUND ABORTS PER ACFT	A26 EQUIP AIR ABORTS PER ACFT	A27 EQUIP CANNS PER ACFT
001	EQUIPMENT MAD (TRANSFORM)							 		
002	YEARS ACET HAVE BEEN ON BASE		742		10	7.42				
203	AVG MISSION MIX								76	
004	AIRCRAFT GROUNDED TIME									
005	AVG TAKE-OFF SPEED					i		<u> </u>		
006	MEDIAN TAKE-OFF DISTANCE									
307	PERCENT OF MAX TAKE-OFF WT						1	 	7:77	
008	AVG. CLIMB RATE			777	7,0	126				$\neg \neg$
009	AVG CRUISE SPEED					<u> </u>	_	 		
010	AVG CRUISE ALTITUDE				13	249				
011	AVG DECENT RATE			773	-1-	1		 		
012	AVG LANDING SPEED		 			 	 	 	765	
013	MINIMUM LANDING DISTANCE		 			1	1			
014	AVG LANDING WT		743	770	3/2	1345	_	1		$\neg \neg$
015	TOTAL FLYING HOURS PER ACET		 ```	==	711	347	 			
_016	TRAINING FLYING HOURS PER ACFT		 		1	1	1		360	
317	OPERATIONS FLYING HOURS PER ACET		 	222	1.4	750			 	$\neg \neg$
018	MISC FLYING HOURS PER ACFT		73 %	775			1	†		
019	TOTAL LANDINGS PER ACET		12.0	11,13	100	13.13	 	 	7:5	
_020	TRAINING LANDINGS PER ACFT		 	 	├	+	 		1 -	
321	OPERATIONS LANDINGS PER ACFT		—	<u> </u>		1		1		
022	MISC LANDINGS PER ACFT		- :7	1779	150	1-4			15.7	
023	AVG NO OF ACFT ON ALERT		1		 	1	1	Ť		
024	AVG NO OF DEPLOYED ACET		 	 	 	1	 	1	7.59	
025	TOTAL SORTIES PER ACFT		T	-, - 0			Ī			
J25	TRAINING SORTIES PER ACET			1					5.0	75.5
027	OPERATIONS SORTIES PER ACFT		741	774			T			
028	MISC SORTIES PER ACFT		744		1	1	1			
029	AVG POSSESSED ACFT			\vdash		T	ī	\top		
030	MAXIMUM ACFT SPEED		T	T		T	T	T	1	
031	MAXIMUM ACFT CEILING		 	1	1	1	 	+	1	
032	ACFT CREW SIZE		-30	1776	1 :9	345	T	T	T^-	
033	AVG SORTIE LENGTH			T	1	1	T		T^-	
034	ACCIDENTS (MAJOR/MINOR) PER ACET		1	1	1	1	Ī	\top	T^-	T
035	INCIDENTS PER ACET		1		<u> </u>			\perp		16/

TABLE B-28 WUC 63A - UHF COMMUNICATIONS SET MIER

	TTERPLOT IDENTIFICATION ARRAY VIRONMENTAL VS MRD'S) ENVIRONMENTAL PARAMETERS	MRD'S	AOI MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MAIR PER ACET		A23 EQUIP UNSCHED REMOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORTS PER ACFT	A26 EQUIP AIR ABORTS PER ACFT	A27 EQUIP CANNS PER ACFT
E01	EQUIPMENT MAD (TRANSFORM)									
502	BASE ALTITUDE									
E03	RUNWAY DIRECTION			735						
E04	DISTANCE TO MOUNTAINS				4	1:54				
£05	DIRECTION TO MOUNTAINS									
E06	NO OF SNOW DAYS									
E07	TOTAL SNOW FALL									
£08	MEAN SNOW DEPTH								·	
E09	NO OF RAIN DAYS							1		17.4
E10	TOTAL RAIN FALL									
_E11	NO OF HAIL DAYS						1			
E12	RELATIVE HUMIDITY			_			<u> </u>			973
E13	NO OF THUNDER DAYS		747	~ 34	10	35.]			
E14	10 OF SLEET DAYS									
£15	NO OF FOG DAYS								Ī	
_E16	PREDOMINATE WIND DIRECTION									571
E17	MAX CROSSWINDS LESS THAN 10 MPH						1			539
£18	MAX CROSSWINDS 10-19 MPH		746	752	1.5	15	1			
£19	MAX CROSSWINDS 20-29 MPH		744	7:3		-	一		1	
F20 1	MAX CROSSWINDS 30-39 MPH		745	170	3.7	1573	 		_	\vdash
E21	MAX CROSSWINDS 40-49 MPH									
E22	MAX CROSSWINDS SREATER THAN 50 MPH								i —	
E23	MEAN TEMP									П
E24	MEAN MIN TEMP									
E25	MEAN MAX TEMP									
E25	DAYS MAX TEMP WAS ABOVE 800"F"									
527	DAYS MIN TEMP WAS BELOW 320"F"									
E28	TOTAL OBSTRUCTIONS TO VISION									
E29	PREDOMINATE TYPE OF OBSTRUCTIONS									
E 30	AVG OBSTRUCTION TYPE					F				774
£31	AVG OBSTRUCTION SEVERITY									
									}	
			T		T	Γ		1		

TABLE B-29 WUC 63A - UHF COMMUNICATIONS SET MIER

	TERPLOT IDENTIFICATION ARRAY NTENANCE VS MRD'S) MAINTENANCE PARAMETERS	MRD'S	AGI MAINT ACTION DEMAND PER ACFI	AZI EQUIP TOT MMIR PER ACFT	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORIS PER ACFI	A26 EQUIP AIR ABORTS PER ACFT	A27 EQUIP CANNS PER ACFI
			¥ Z	A P	R	A M	¥ &	A.	A.	A g
M01	EQUIPMENT MAD (TRANSFORM)									
_M02	AVG OR RATE	_								
403	AVG HORM RATE	_		-40						
404	AVG NORS RATE				126					
405	TOTAL MAINT PERSONNEL AUTHORIZED	_							نـــــــــــــــــــــــــــــــــــــ	
406	TOTAL MAINT PERSONNEL ASSIGNED									
407	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED		::-	~ 42	13.1					
M08	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED		751	736	124		<u> </u>			
409	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED			793	L	<u> </u>				
410	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED			793	<u> </u>					
411	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)		759	772		<u> </u>			L	
412	TOTAL MAINT PERSONNEL ASSIGNED (AMS)		760	794	<u> </u>				L	L
413	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (A	MS	761	7.37	1	<u> </u>	<u> </u>	<u> </u>		lacksquare
M14	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (A	MS)	253	738	123	<u> </u>				
_M15	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (A	MS)							<u> </u>	
416	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (A	MS?	L			<u>L </u>	<u>L</u> _	<u> </u>		
417	TOTAL MAINT MANHOURS EXPENDED PER ACET		750	177	7.					
418	AMS MAINT MANHOURS EXPENEDED PER ACFT		Ī	l						
M19	MAINT CONCEPT			Ĭ.						
420	AVG TURN AROUND TIME MAINT									
421	ACFT FOD (ALL CAUSES)		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
M22	TOT GEN SUPPORT (01-09) MHRS PER ACET		7,5%	175	1/22	ļ	<u> </u>		<u> </u>	
423	GEN SUPPORT OI MHRS PER ACET		757	776	300		<u> </u>	<u> </u>	↓	<u> </u>
M24	GEN SUPPORT DE MHRS PER ACET		7-52	770	1:3	<u> </u>	<u> </u>	Ļ	 	<u> </u>
425	GEN SUPPORT 03 MHRS PER ACFT		-40	1:71	1820	-	 	 	↓	<u> </u>
425	GEN SUPPORT 04 MHRS PER ACFT		<u> </u>			└	├	↓	↓	├
427	GEN SUPPORT 05 MHRS PER ACET		<u> </u>	ļ	<u>ــــ</u>	↓	!		 	↓
428	GEN SUPPORT OF MHRS PER ACFT		750	1	()	↓	 	1		↓
429	GEN SUPPORT OF MHRS PER ACET			↓	 	 	 -	↓	↓	
<u>430</u>	GEN SUPPORT 09 MHRS PER ACET		7.53	1	129	<u> </u>	1	<u> </u>	<u> </u>	<u> </u>
			<u> </u>	<u> </u>	₩.	↓	—	├	-	↓
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TABL	E B-30 WUC 63A - UHF COMMUNICA	ATI(ONS :	SET	MIEF	₹				
SCAT	TTERPLOT IDENTIFICATION ARRAY									
	RCRAFT GENERAL VS MRD'S)	MRD'S	AO1 MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MMHR PER ACFT	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORTS PER ALFT	A26 LOUIP AIR ABORTS PER ACFI	A27 LIJUIP CARNS PER ACFT
	AIRCRAFT GENERAL PARAMETERS		A01 DEMA	A21 PER	A22 REMO	A23	A24 REMO	A25 ABOR	A26 ABOR	A27 PER
G01	EDUIPMENT MAD (TRANSFORM)									ٺـــــــا
G02	YEARS SINCE AIRCRAFT WAS PRODUCED				6:4					
G03	AIRCRAFT EMPTY WEIGHT		71,3	301	731					
G04	MAX GROSS WT TAKE-OFF		9		335					
G05	AIRCRAFT WING AREA		760	302	133					
G06	AIRCRAFT ASPECT RATIO									
G07	TOTAL FUEL CAPACITY			\vdash	1					
508	AVG AIRCRAFT WING LOAD			 	1					
G09	YEARS SINCE ENGINE PRODUCTION		11/5	_	330				 	
G10	ENGINES PER AIRCRAFT		200	├	1552	-			<u> </u>	
					7	-		-	_	
G11	AIRCRAFT TOTAL ENGINE WT		767	<u></u>	1:6			-		
G12	TOTAL THRUST PER ACET		- 02	200	1332	-	<u> </u>	<u> </u>	<u> </u>	
G13	CLIMB RATE			<u> </u>	<u> </u>	<u> </u>		 	Ļ	↓
G14	GENERATORS PER ACFT				<u> </u>	<u> </u>			<u> </u>	<u> </u>
G15	MAINT MANHRS PER FLT HR.			<u> </u>				<u> </u>	<u> </u>	<u> </u>
G16	YEARS SINCE FIRST FLIGHT				1:3	Г		ļ		
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				 	·	\vdash	 	\vdash	 	
				 	 	 	 	 		
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TABLE B-31 WUC 65A - TRANSPONDER SET MIER

	TERPLOT IDENTIFICATION ARRAY IPMENT VS MRD'S) AVIONICS EQUIPMENT PARAMETERS	MOR 'S	ADI MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MMIR PER ACFT	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACFI	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORTS PER ACFT	AZ6 FQUIP AIR ABORTS PER ACFT	A27 EQUIP CANNS PER ACET
-C1_[MAINT ACTION DEMAND PER ACET									
302	ECUIPMENT LOCATION ON ACFT		71)	377	7/7	43				7:4
303	EQUIPMENT WEIGHT			175						79
104	EQUIPMENT VOLUME			-						
305	SRU COUNT		:79		7. 3	2:6				
-06	OPERATING TEMPERATURE		· · · ·							
307	COOLING METHOD		<u> </u>	 			<u> </u>		-	
108	PROTECTION DEVICES		i —	T						
409	NUMBER OF TEST POINTS (ORG LEVEL)	_	173	 	7.3	530		<u> </u>		
410	REQUIRED AGE									
A11	AGE AVAILABILITY			 						2:4
112	AGE UNRELIABILITY			 		·		<u> </u>	<u> </u>	
A13	AVG OPERATING TIME PER SORTIE			 	<u></u>	1	-			
114	FAILURE/MALFUNCTION CAUSES		_	709	1					27.7
A15	RETEST OK RATE			1		†	i —	r —	1	
116	ON-OFF CYCLES PER FLYING HOUR		\vdash	i	†					
417	ON-OFF CYCLES PER SORTIE					<u> </u>	 		-	
118	GROUND/FLIGHT OPERATING RATIO		 	-	 	 	t	1	 	_
A19	FAILURE/ABORT RATIO		 	 	 	┼	-	 	 	
120	EQUIPMENT DENSITY		†	 	 	 	 	-	_	† • • •
A21	EQUIPMENT TOTAL MMHRS PER ACET		177	 	7/4		Ī			2:0
122	EQUIPMENT TOTAL REMOVALS PER ACET		T	1		 				7:9
A23	EQUIPMENT UNSCHED REMOVALS PER ACET		376	\top						1
124	EQUIPMENT SCHED REMOVALS PER ACET			L	L	L				
A25	EQUIPMENT GROUND ABORTS PER ACFT						Ι			
A25	EQUIPMENT AIR ABORTS PER ACFT									
A27	EQUIPMENT CANNS PER ACET			I			T			
							1			
						1	1	1		
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				1			1	<u> </u>	<u>L</u> .	
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TABLE B-32 WUC 65A - TRANSPONDER SET MIER

	ERPLOT IDENTIFICATION ARRAY ATIONS VS MRD'S) OPERATIONS PARAMETERS	MRD'S	AO1 MAINT ACTION DEMAND PER ACFT	AZI EQUIP TOT MAHRS PER ACFI	A22 EQUIP TOT REMOVALS PER ACFT	AZ3 EQUIP UNSCHED REMOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORTS PER ACFT	AZG LQUIP AIR ABURIS PIR ACLI	A27 EQUIP CANNS PER ACET
201	EQUIPMENT MAD (TRANSFORM)									\neg
202	YEARS ACET HAVE BEEN ON BASE									
003	AVG MISSION MIX		7 : -							
304	AIRCRAFT GROUNDED TIME									
005	AVG TAKE-OFF SPEED		731		725	93)				45
206	MEDIAN TAKE-OFF DISTANCE			i						
307	PERCENT OF MAX TAKE-OFF WT			-						
308	AVG. CLIMB RATE	_		Γ						
009	AVG CRUISE SPEED		173	i –	<u> </u>	1	·			
010	AVG CRUISE ALTITUDE									
211	AVG DECENT RATE		<u> </u>	250		\vdash				$\neg \neg$
012	AVG LANDING SPEED			 	7:1	1732	 	_		
213	MINIMUM LANDING DISTANCE		112	<u> </u>	1	\ <u>'</u>				
014	AVG LANDING WT		1		 	i				
215	TOTAL FLYING HOURS PER ACET			 			 			
016	TRAINING FLYING HOURS PER ACFT			† <i>-</i> -	i			i		
217	OPERATIONS FLYING HOURS PER ACFT					\vdash	<u> </u>			
018	MISC FLYING HOURS PER ACFT				├	 	 			
219	TOTAL LANDINGS PER ACET			 	 		 			
220	TRAINING LANDINGS PER ACET		├	 	 	 	 	 -		-
021	OPERATIONS LANDINGS PER ACET			<u> </u>			ļ			
322	MISC LANDINGS PER ACET		i		1	 		\vdash		
J23	AVG NO OF ACFT ON ALERT			†		T	1			
024	AVG NO OF DEPLOYED ACET		1	1	 	1	 	 	1	
225	TOTAL SORTIES PER ACET			T		T		1		
225	TRAINING SORTIES PER ACET		1			$\overline{}$		1		
027	OPERATIONS SORTIES PER ACFT			1	T-	1	-			
328	MISC SORTIES PER ACFT		T	1	T	T	1	\Box		
029	AVG POSSESSED ACFT						1			
030	MAXIMUM ACFT SPEED				T	1		Γ		
031	MAXIMUM ACFT CEILING			1-	1	1-		-	 	
232	ACFT CREW SIZE			1	1	\top		Γ	ī	
033	AVG SORTIE LENGTH			T		1	Ţ			
234	ACCIDENTS (MAJOR/MINOR) PER ACET		1	$\uparrow -$		 	$\overline{}$	T-		
335	INCIDENTS PER ACET		† 	\top	 	1	<u> </u>		\vdash	!

TABLE B-33 WUC 65A - TRANSPONDER SET MIER

•	TERPLOT IDENTIFICATION ARRAY IRONMENTAL VS MRD'S) ENVIRONMENTAL PARAMETERS	MRD'S	AO1 MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MHIR PER ACET	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACFI	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORTS PER ACFT	A26 EQUIP AIR ABORIS PER ACFT	A27 EQUIP CANNS PER ACFT
E01	EQUIPMENT MAD (TRANSFORM)									
502	BASE ALTITUDE									
ε03	RUNWAY DIRECTION							<u> </u>		
£24	DISTANCE TO MOUNTAINS						L .	<u> </u>	Ł.	
E05	DIRECTION TO MOUNTAINS									
E06	NO OF SNOW DAYS		. : 7				<u> </u>			
E07	TOTAL SNOW FALL									
E08	MEAN SNOW DEPTH						1	Ī		
E09	NO OF RAIN DAYS				T-		1	1		
510	TOTAL RAIN FALL				i]]
E11	NO OF HAIL DAYS				<u> </u>			 		
£12	RELATIVE HUMIDITY		174		i	j				
E13	NO OF THUNDER DAYS	-								
E14	NO OF SLEET DAYS					1	i			
E15	NO OF FOG DAYS				Ī	Ī				
£16	PREDOMINATE WIND DIRECTION			152						
E17	MAX CROSSWINDS LESS THAN 10 MPH							T-		
E18	MAX CROSSWINDS 10-19 MPH				\vdash	1		T	\top	
E19	MAX CROSSWINDS 20-29 MPH		 	704	325	7:5		_		1
520	MAX CROSSWINDS 30-39 MPH				1					
E21	MAX CROSSWINDS 40-49 MPH			301		Τ.		Γ	Г	
E22	MAX CROSSWINDS SREATER THAN 50 MPH			Ī		Ĩ	1	1		Ī
E23	MEAN TEMP				ī	1		Ī		
E24	MEAN MIN TEMP							1		
E25	MEAN MAX TEMP									
E25	DAYS MAX TEMP WAS ABOVE 80""F"				<u> </u>					
E27	DAYS MIN TEMP WAS BELOW 32"F"						1	Ĺ	1	
E28	TOTAL OBSTRUCTIONS TO VISION						1			
€29	PREDOMINATE TYPE OF OBSTRUCTIONS	_								
£30	AVG OBSTRUCTION TYPE			700		1				
£31	AVG OBSTRUCTION SEVERITY		:		T					
										L.
					T			T.		

TABLE B-34 WUC 65A - TRANSPONDER SET MIER

SCAT	TERPLOT IDENTIFICATION ARRAY	Ī								
/ MA T	NTENANCE VS MRD'S)			œ						
(1,04,1	WIENANCE VS TIND ST	- 1	₹.	TOT NMHR	딜	불립	9	8 L		2
		Š	CTI	10	- W	NSC A	2 Z	ROU	AIR	CANNS
		MRD'S	¥ ~	1 6	F #	n a	ار م	 	₹ *	ن
		_	Z Z	101	ES!	100	35	3 4	3 =	ACI I
		l	₹ ₹	25	EC OVA	EQ DVA	25	EQ RTS	EQ.	25
	MAINTENANCE PARAMETERS	į	AOI MAINT ACTION DEMAND PER ACFI	A21 EQUIP 1 PER ACF1	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACEI	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORIS PER ACFI	A26 EQUIP AIR ABORTS PER ACET	A27 LQUIP PER ACI I
M01	EQUIPMENT MAD (TRANSFORM)									
402	AVG OR RATE									
M03	AVG NORM RATE									
MC4	AVG NORS RATE									
405	TOTAL MAINT PERSONNEL AUTHORIZED						<u> </u>	<u> </u>		
4 06	TOTAL MAINT PERSONNEL ASSIGNED			<u> </u>	<u> </u>			 		<u> </u>
407	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED		; "IH	111	 			<u> </u>		
M08	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED			<u> </u>	ļ 	<u> </u>		<u> </u>	ļ	
409	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED			7.5	 		 	 		
M10	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED		100	 	 	<u> </u>	 			
M11	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)		31.6	707	 		-			
412	TOTAL MAINT PERSONNEL ASSIGNED (AMS)			709	├	 	├ ——	├		-
<u>413</u>		(AMS)		7.5	}	 	 	!	 	
<u> </u>		(AMS)	نسما	1 1 2	 	 - -		!		
M15	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED ((AMS)		7/2	├	-		\		-
<u>416</u>	TOTAL MAINT MANHOURS EXPENDED PER ACET	(Altis)	372	100	 	 		├		
M17	AMS MAINT MANHOURS EXPENDED PER ACET		3.5	 		├	├	-	├──	
w19	MAINT CONCEPT		<u> </u>	├ -		 	 		├	-
M20	AVG TURN AROUND TIME MAINT	-		 	 		 	 -	├	
M21	ACFT FOD (ALL CAUSES)							1		
M22	TOT GEN SUPPORT (01-09) MHRS PER ACET			Ī	 		i		1	ī
M23	GEN SUPPORT OF MHRS PER ACFT		T						Ţ	
M24	GEN SUPPORT 02 MHRS PER ACFT									
425	GEN SUPPORT 03 MHRS PER ACFT									Ĺ
™ 26	GEN SUPPORT 04 MHRS PER ACET			1						
427	GEN SUPPORT 05 MHRS PER ACFT			1:00	12.5	<u></u>	1	<u> </u>	<u> </u>	
'428	GEN SUPPORT OF MHRS PER ACET		300		135		<u> </u>	<u> </u>	<u> </u>	ļ
429	GEN SUPPORT OF MHRS PER ACET		[330	795	1:		-		↓	1 -
430	GEN SUPPORT 09 MHRS PER ACET		<u> </u>	<u> </u>			<u> </u>	1	<u> </u>	<u> </u>
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TABLE B-35 WUC 65A - TRANSPONDER SET MIER

SCATTERPLOT IDENTIFICATION ARRAY

SCAT	TERPLOT IDENTIFICATION ARRAY									
/ATD	CRAFT GENERAL VS MRD'S)			£	_	2 -	-			
(ATK	CRAFT GENERAL VS MRD 3)		AOI MAINT ACTION DEMAND PER ACFT	AZI EQUIP TOT MMHR PER ACFT	A22 FQUIP TOT REMOVALS PER ACFT	AZ3 EQUIP UNSCHED REMOVALS PER ACFI	A24 FOUTP SCHED REMOVALS PER ACFT	를	_	
			F 5	=	- ×	SC	Ξ ₹	35	× 🗓	E
		MRD'S	₹ 🦫	2	101	3	2 =	ਤ ੈ	₹ 🛴	5
		₹.	22	1= _	S E	= 2	= ~	# ₹	鱼王	= _
		i	₹⊆	공발	골론	응론	문론	문씨	동씨	VC I
			7 \$	- A	A22 EQUIP TOT REMOVALS PER	2	A24 EQUIP SCHED REMOVALS PER ACI	A25 EQUIP GROUND ABORTS PER ACLT	AZ6 LUHIP AIR ABORIS PER ACI I	A27 EQUIP CANNS PER ACET
	AIRCRAFT GENERAL PARAMETERS		8 E	A2	A2 REI	A2.	AZ REI	A22	25	A27 FER
GO1 T	EQUIPMENT MAD (TPANSFORM)					-				
G02	YEARS SINCE AIRCRAFT WAS PRODUCED				_	 				
G03	AIRCRAFT EMPTY WEIGHT					<u> </u>				$\overline{}$
G04	MAX GROSS WT TAKE-OFF			<u> </u>						
G05	AIRCRAFT WING AREA					-				<u> </u>
G06	AIRCRAFT ASPECT RATIO			7.5	-					$\vdash \vdash$
307	TOTAL FUEL CAPACITY	-		7.3						
307	AVG AIRCRAFT WING LOAD			2.44	-2.7	i	· · · ·			
G09	YEARS SINCE ENGINE PRODUCTION							-		\vdash
310	ENGINES PER AIRCRAFT			_						
G11	AIRCRAFT TOTAL ENGINE WT			-		-				
G12	TOTAL THRUST PER ACET					-				\vdash
G13	CLIMB RATE				_				-	\vdash
314	GENERATORS PER ACFT			·	-	-		<u> </u>		
G15	MAINT MANHRS PER FLT HR.		-	 	_	-		-		\vdash
G15	YEARS SINCE FIRST FLIGHT			-	-	-	-		 	 -
	TEARS STREET ROT TETAR			 	-			 		\vdash
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TABLE B-36 WUC 71A - INERTIAL NAVIGATION SET MIER

CCAT	TERRIOT IDENTIFICATION ARRAY	į			1		1			
2CA1	TERPLOT IDENTIFICATION ARRAY				.	ļ			15	}
(EQU	IPMENT VS MRD'S)		z	EQUIP TOT MNIIR ACFI	=		=	_	AIR ABORTS	
			MAINT ACTION	Ψ	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACFI	A24 EQUIP SCHED REMOVALS PER ACFI	A25 EQUIP GROUND ABORIS PLR ACFT	~	CANNS
		MOR 'S	AC.	2	2 %	35	S &	8 ₹	A I	₹ .
		9	PEF	d 1	9 S	SP	9 S	ᆿ픏	ا د	1 2.
	•		₹₽	중등	A G	골론	≘ੋ₹	25	F QUIS	EQUIT ACFT
	AVIONICS EQUIPMENT PARAMETERS		AUI MAINT ACTIO DEMAND PER ACFT	A21 PFR	A22 EQUIP TOT REMOVALS PER	2	A24 EQUIP SCHED REMOVALS PER AC	SOR	A26 LQUIP PER ACFI	A27 E
			₹ 5	Σ¥	A 25	R.A.	¥ ₹	A S	A2	× =
401	MAINT ACTION DEMAND PER ACET									
402	EQUIPMENT LOCATION ON ACET		151			(03				<u> : : : </u>
AC3	EQUIPMENT WEIGHT		747			973				12.5
104	EQUIRMENT /OLUME		140	100	(1)	991				
405	SRU COUNT		145	-25	243	790		<u></u>	<u> </u>	.50 \$
406	OPERATING TEMPERATURE		744	1 11,3	7	194		1205	ļ	1:50
407	COOLING METHOD		, , , , ,			195				├
408 408	PROTECTION DEVICES NUMBER OF TEST POINTS FORG LEVELY						-	<u>5 ۽ عز</u>		
410			<u> </u>	_		 			├─	 -
A11	REQUIRED AGE AGE AVAILABILITY			 	<u>; </u>				-	├
A12	AGE UNRELIABILITY				 			1250		1. 7. 3
A13	AVG OPERATING TIME PER SORTIE		150	01,9	974	196		11	 	1111
414	FAILURE/MALFUNCTION CAUSES			-	1	17.0		 	 	
A15	RETEST OK RATE						 -	1364	\vdash	107
416	SN-OFF SYCLES PER FLYING HOUR				1	_		153		
417	ON-OFF CYCLES PER SORTIE			Ī	 	\vdash	<u> </u>	ĺ		\vdash
A13	GROUND/FLIGHT OPERATING RATIO			Ì	†	_				1011
-19	FAILURE/ABORT RATIO			 	 	†			\vdash	Γ
750	EQUIPMENT DENSITY									
A21	EQUIPMENT TOTAL MMHRS PER ACET		7-3				<u> </u>)		<u> </u>
422	EQUIPMENT TOTAL REMOVALS PER ACET		7.	.,-		<u> </u>		<u> </u>	<u></u>	<u> </u>
A23	EDUTPMENT INSCHED REMOVALS PER ACET		<u> </u>	<u> </u>		L		<u> </u>	<u> </u>	ļ
724	EQUIPMENT SCHED REMOVALS PER ACET		 	├ ──-		!	<u> </u>	ļ	↓	├ ─
425	EGUIPMENT GROUND ABORTS PER ACET		├	-	 	ļ	ļ	ļ	↓	┼
A25	EQUIPMENT AIR ABORTS PER ACET		300	 	┼—	330			┼	┼
127	EQUIPMENT CANNS PER ACET		 	10-		23%	!	├	₩-	+
<u></u>			├	 	₩-	┼	1	-	┼	┼
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TABLE B-37 WUC 71A - INERTIAL NAVIGATION SET MIER

	TERPLOT IDENTIFICATION ARRAY RATIONS VS MRD'S) OPERATIONS PARAMETERS	MRD'S	DEMAND FER ACFT	A21 EQUIP TOT MMHRS PER ACFI	A22 EQUIP TOI REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACET	AZ4 EUUTP SCHED REMOVALS PER ACET	A25 EQUIC GROUND ABONTS PER ACFT	AZE EQUIP AIR ABORTS PER ACET	AZZ EQUIP CANNS PER ACFI
201	EQUIPMENT MAD (TRANSFORM)			<u>_</u>				$\overline{}$		
202	YEARS ACET HAVE BEEN ON BASE					1				
003	AVG MISSION MIX									
304	AIRCRAFT GROUNDED TIME							1		
205	AVG TAKE-OFF SPEED		7	17.2	77.6	294				
306	MEDIAN TAKE-OFF DISTANCE		<u> </u>			· ·	T			
307	PERCENT OF MAX TAKE-OFF WT		ļ	· ·		1	1	 		
208	AVG. CLIMB RATE			_		<u> </u>	1	1		
209	AVG CRUISE SPEED		754			 	†	Ī		
010	AVG CRUISE ALTITUDE		<u> </u>				 	1		
311	AVG DECENT RATE						 	 		
012	AVG LANDING SPEED					 	 	 		
013	MINIMUM : ANDING DISTANCE		952			1	 			
014	AVG LANDING WT		 	 		 	 	1		
215	TOTAL FLYING HOURS PER ACET						i ·			
016	TRAINING FLYING HOURS PER ACFT				_	\vdash	 	1		
017	OPERATIONS FLYING HOURS PER ACFT						1	1		
018	MISC FLYING HOURS PER ACET		├──	 		1	 	+	1	
019	TOTAL LANDINGS PER ACET		 	775		\vdash	 	 	 	
020	TRAINING LANDINGS PER ACET			 ' ' '		-	+	 	 	$\vdash \vdash$
321	OPERATIONS LANDINGS PER ACET			-	1	$\overline{}$	\top			
022	MISC LANDINGS PER ACFT				i			T	\vdash	
023	AVG NO OF ACET ON ALERT			1	Ī			T	\vdash	
024	AVG NO OF DEPLOYED ACET		1	$\overline{}$	1		1	1	1	
025	TOTAL SORTIES PER ACET		٠٠,	970						. ^. ລັ
226	TRAINING SORTIES PER ACET							T		
327	OPERATIONS SORTIES PER ACET									
028	MISC SORTIES PER ACET					1	1	T		
329	AVG POSSESSED ACFT		Ī				i	I		
030	MAXIMUM ACET SPEED		1:0							[]
231	MAXIMUM ACET SEILING					Ī	T			
232	ACET CREW SIZE			Ĭ	<u> </u>					
233	AVS SCRITE LENGTH			1						
234	ACCIDENTS MAJOR MINOR PER AGET					1577	<u>' </u>			
235	โ เพื่อเอียงกรา อยูล โลเลก					工		Γ	<u> </u>	

TABLE 8-38 WUC 71A - INERTIAL NAVIGATION SET MIER

### ##################################		TERPLOT IDENTIFICATION ARRAY IRONMENTAL VS MRD'S) ENVIRONMENTAL PARAMETERS	MRD'S	AO1 MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MININ PER ACET	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORIS PER ACFT	A26 EQUIP AIR ABORTS PER ACFT	A27 EQUIP CANNS PER ACFT
E02 BASE ALTITUDE E03 RUNWAY DIRECTION E04 DISTANCE TO MOUNTAINS E05 DIRECTION TO MOUNTAINS E06 NO OF SNOW DAYS E07 TOTAL SNOW FALL E09 NO, OF RAIN DAYS E10 TOTAL RAIN FALL E11 NO OF HAIL DAYS E12 RELATIVE HUMIDITY E13 NO OF THUNDER DAYS E14 NO OF SLEET DAYS E15 NO OF FOG DAYS E16 PREDOMINATE WIND DIRECTION E17 MAX CROSSHINDS 10-19 MPH E19 MAX CROSSHINDS 10-19 MPH E19 MAX CROSSHINDS 20-29 MPH E20 MAX CROSSHINDS 10-39 MPH E21 MAX CROSSHINDS 10-49 MPH E22 MAX CROSSHINDS 10-49 MPH E23 MEAN TEMP E24 MEAN TEMP E25 MEAN MAX TEMP E26 DAYS MAX TEMP AAS ABOVE 80°F" E27 DAYS MIN TEMP AAS BELOW 32°F" E28 TOTAL DBSTRUCTIONS TO YESTOW E29 PREDOMINATE TYPE OF DBSTRUCTIONS E30 AVG OBSTRUCTION TYPE	1 F01	FOULTPMENT MAD (TRANSFORM)									
E03 RUNWAY DIRECTION E04 DISTANCE TO MOUNTAINS E05 DIRECTION TO MOUNTAINS E06 NO OF SNOW DAYS E07 TOTAL SNOW FALL E08 MEAN SNOW DEPTH E09 NC OF RAIN DAYS E10 TOTAL RAIN FALL E11 NO OF HAIL DAYS E12 RELATIVE HUMIDITY E13 NO OF THUNDER DAYS E14 NO OF SLEET DAYS E15 NO OF FOG DAYS E16 PREDOMINATE WIND DIRECTION E17 MAX CROSSWINDS LESS THAN 10 MPH E18 MAX CROSSWINDS 10-19 MPH E19 MAX CROSSWINDS 10-49 MPH E20 MAX CROSSWINDS 10-49 MPH E21 MAX CROSSWINDS 10-49 MPH E22 MAX CROSSWINDS 10-49 MPH E23 MEAN TEMP E24 MEAN MIN TEMP E25 MEAN MAX TEMP E26 DAYS MAX TEMP AS ABOVE 80°F" E27 DAYS MIN TEMP AS BELOW 32°F" E28 TOTAL OBSTRUCTIONS TO YISION E29 PREDOMINATE TYPE OF DBSTRUCTIONS E30 AVG OBSTRUCTION TYPE											
E04 DISTANCE TO MOUNTAINS E05 DIRECTION TO MOUNTAINS E06 NO OF SNOW DAYS E07 TOTAL SNOW FALL E08 MEAN SNOW DEPTH E09 N.C. OF RAIN DAYS E10 TOTAL RAIN FALL E11 NO OF HAIL DAYS E12 RELATIVE HUMIDLYY E13 NO OF THUNDER DAYS E14 NO OF SLEET DAYS E15 NO OF FOG DAYS E16 PREDOMINATE WIND DIRECTION E17 MAX CROSSWINDS LESS THAN 10 MPH E18 MAX CROSSWINDS 10-19 MPH E19 MAX CROSSWINDS 20-29 MPH E20 MAX CROSSWINDS 30-39 MPH E21 MAX CROSSWINDS 30-49 MPH E22 MAX CROSSWINDS SREATER THAN 50 MPH E23 MEAN TEMP E24 MEAN MIN TEMP E25 MEAN MAX TEMP AS ABOVE 80°"F" E26 DAYS MAX TEMP AS ABOVE 80°"F" E27 DAYS MIN TEMP AS BELOW 32°"F" E28 TOTAL OBSTRUCTIONS TO YISION E29 PREDOMINATE TYPE OF DBSTRUCTIONS E30 AVG OBSTRUCTION TYPE		RUNWAY DIRECTION									
### STATE OF STRUCTION TO MOUNTAINS ### STRUCTION TO MOUN		DISTANCE TO MOUNTAINS									
### ##################################	-										
### ##################################									Γ	·	
EOS MEAN SNOW DEPTH EO9 NC OF RAIN DAYS E10 TOTAL RAIN FALL E11 NO OF HAIL DAYS E12 RELATIVE HUNID WY E13 NO OF THURDER DAYS E14 NO OF SLEET DAYS E15 NO OF FOG DAYS E15 PREDOMINATE WIND DIRECTION E17 MAX CROSSWINDS LESS THAN 10 MPH E18 MAX CROSSWINDS 10-19 MPH E19 MAX CROSSWINDS 20-29 MPH E20 MAX CROSSWINDS 30-39 MPH E21 MAX CROSSWINDS 30-39 MPH E22 MAX CROSSWINDS SREATER THAN 50 MPH E23 MEAN TEMP E24 MEAN MIN TEMP E25 MEAN MAX TEMP AS ABOVE 80 FT E27 DAYS MIN TEMP AS BELOW 32 FT E28 TOTAL OBSTRUCTIONS TO VISION E29 PREDOMINATE TYPE OF OBSTRUCTIONS E30 AVG OBSTRUCTION TYPE											.0.3
E10 TOTAL RAIN FALL E11 NO OF HAIL DAYS E12 RELATIVE HUMIDUTY E13 NO OF THUNDER DAYS E14 NO OF SLEET DAYS E15 NO OF FOG DAYS E16 PREDOMINATE WIND DIRECTION E17 MAX CROSSWINDS LESS THAN 10 MPH E18 MAX CROSSWINDS 10-19 MPH E19 MAX CROSSWINDS 20-29 MPH E210 MAX CROSSWINDS 20-29 MPH E221 MAX CROSSWINDS 30-39 MPH E221 MAX CROSSWINDS 30-39 MPH E222 MAX CROSSWINDS MO-49 MPH E223 MEAN TEMP E23 MEAN TEMP E24 MEAN MIN TEMP E25 MEAN MAX TEMP E26 DAYS MAX TEMP WAS ABOVE 80°F" E27 DAYS MIN TEMP WAS BELOW 32°F" E28 TOTAL OBSTRUCTIONS TO VISION E29 PREDOMINATE TYPE OF OBSTRUCTIONS E30 AVG OBSTRUCTION TYPE		MEAN SNOW DEPTH									
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E11 NO OF HAIL DAYS E12 RELATIVE HUMIDUTY E13 NO OF THUNDER DAYS E14 NO OF SLEET DAYS E15 NO OF FOG DAYS E16 PREDOMINATE WIND DIRECTION E17 MAX CROSSWINDS LESS THAN 10 MPH E18 MAX CROSSWINDS 10-19 MPH E19 MAX CROSSWINDS 20-29 MPH E20 MAX CROSSWINDS 20-29 MPH E21 MAX CROSSWINDS 30-39 MPH E221 MAX CROSSWINDS 10-49 MPY E222 MAX CROSSWINDS MO-49 MPY E232 MEAN TEMP E24 MEAN MIN TEMP E25 MEAN MAX TEMP E26 DAYS MAX TEMP WAS ABOVE 80°F" E27 DAYS MIN TEMP WAS BELOW 32°F" E28 TOTAL OBSTRUCTIONS TO VISION E29 PREDOMINATE TYPE OF OBSTRUCTIONS E30 AVG OBSTRUCTION TYPE	E10	TOTAL RAIN FALL									
E12 RELATIVE HUMIDUTY E13 NO OF THUNDER DAYS E14 NO OF SLEET DAYS E15 NO OF FOG DAYS E16 PREDOMINATE WIND DIRECTION E17 MAX CROSSWINDS LESS THAN 10 MPH E18 MAX CROSSWINDS 10-19 MPH E19 MAX CROSSWINDS 20-29 MPH E20 MAX CROSSWINDS 20-29 MPH E21 MAX CROSSWINDS 30-39 MPH E221 MAX CROSSWINDS 10-49 MPH E221 MAX CROSSWINDS MO-49 MPH E222 MAX CROSSWINDS SREATER THAN 50 MPH E23 MEAN TEMP E24 MEAN MIN TEMP E25 MEAN MAX TEMP E26 DAYS MAX TEMP WAS ABOVE 80°F" E27 DAYS MIN TEMP WAS BELOW 32°F" E28 TOTAL OBSTRUCTIONS TO VISION E29 PREDOMINATE TYPE OF OBSTRUCTIONS E30 AVG OBSTRUCTION TYPE		NO OF HAIL DAYS									
### 10 OF SLEET DAYS ### 15		RELATIVE HUMID PTY								<u> </u>	
### ### ##############################	£13	NO OF THUNDER DAYS									
### ### ##############################	514	NO OF SLEET DAYS		71,0						<u> </u>	
### ### ### ### ### ### ### ### ### ##		NO OF FOG DAYS							L	<u> </u>	
E:8 MAX CROSSWINDS 10-19 MPH E:9 MAX CROSSWINDS 20-29 MPH E:20 MAX CROSSWINDS 30-39 MPH E:21 MAX CROSSWINDS 10-49 MPH E:22 MAX CROSSWINDS SREATER THAN 50 MPH E:23 MEAN TEMP E:24 MEAN MIN TEMP E:25 MEAN MAX TEMP E:25 DAYS MAX TEMP HAS ABOVE 80°F" E:27 DAYS MIN TEMP HAS BELOW 32°F" E:28 TOTAL OBSTRUCTIONS TO YISION E:29 PREDOMINATE TYPE OF OBSTRUCTIONS E:30 AVG OBSTRUCTION TYPE	_E16			159		<u> </u>	1000				
### ### ##############################	E17				1375	<u> </u>	<u>L_</u>	<u> </u>	<u> </u>	L.	
### ### ##############################		MAX CROSSWINDS 10-19 MPH			<u> </u>	<u> </u>	<u></u>	<u> </u>	_	<u> </u>	
### ### ##############################	£19	MAX CROSSWINDS 20-29 MPH								<u> </u>	
E22 MAX CROSSWINDS GREATER THAN 50 MPH E23 MEAN TEMP E24 MEAN MIN TEMP E25 MEAN MAX TEMP E26 DAYS MAX TEMP HAS ABOVE 80°"F" E27 DAYS MIN TEMP HAS BELOW 32°"F" E28 TOTAL OBSTRUCTIONS TO VISION E29 PREDOMINATE TYPE OF OBSTRUCTIONS E30 AVG OBSTRUCTION TYPE	=20				 		1	-	↓	├ ─	╄
E23 MEAN TEMP E24 MEAN MIN TEMP E25 MEAN MAX TEMP E25 DAYS MAX TEMP WAS ABOVE 80°F" E27 DAYS MIN TEMP WAS BELOW 32°F" E28 TOTAL OBSTRUCTIONS TO VISION E29 PREDOMINATE TYPE OF OBSTRUCTIONS E30 AVG OBSTRUCTION TYPE				15.4	170	 	- "	-	<u> </u>	ــــ	
E24 MEAN MIN TEMP E25 MEAN MAX TEMP E26 DAYS MAX TEMP HAS ABOVE 80°F" E27 DAYS MIN TEMP HAS BELOW 32°F" E28 TOTAL OBSTRUCTIONS TO VISION E29 PREDOMINATE TYPE OF OBSTRUCTIONS E30 AVG OBSTRUCTION TYPE				<u> </u>	├	<u> </u>	 	 	<u> </u>	 	-
E25 MEAN MAX TEMP E26 DAYS MAX TEMP HAS ABOVE 80°F" E27 DAYS MIN TEMP HAS BELOW 32°F" E28 TOTAL OBSTRUCTIONS TO VISION E29 PREDOMINATE TYPE OF OBSTRUCTIONS E30 AVG OBSTRUCTION TYPE				<u> </u>	 	 	₩		↓	↓	↓
E25 DAYS MAX TEMP WAS ABOVE 80°F" E27 DAYS MIN TEMP WAS BELOW 32°F" E28 TOTAL OBSTRUCTIONS TO VISION E29 PREDOMINATE TYPE OF OBSTRUCTIONS E30 AVG OBSTRUCTION TYPE				├	 -	 	1	┼	┼	 	
E27 DAYS MIN TEMP WAS BELOW 32 ⁰ "F" E28 TOTAL OBSTRUCTIONS TO VISION E29 PREDOMINATE TYPE OF OBSTRUCTIONS E30 AVG OBSTRUCTION TYPE				├	┼	┼	┼-	+-	┼	┼─	+
E28 TOTAL OBSTRUCTIONS TO VISION E29 PREDOMINATE TYPE OF OBSTRUCTIONS E30 AVG OBSTRUCTION TYPE		DAYS MAX TEMP WAS ABOVE BU "F"		 	+	┼	+	+	+-	1	+
E29 PREDOMINATE TYPE OF OBSTRUCTIONS E30 AVG OBSTRUCTION TYPE				├	┼	+	┼	; 	┼	+	+
E30 AVG OBSTRUCTION TYPE				 	+	+	+		 	+	+
				 	+-	+	┼─	$\dot{ au}$	+-	+	+-
EST AND COSTRUCTION SEVERTITY				 	+	+	+	+-	+	+	
		AND ORDINOCTION SEVENTIA		+	\vdash	+-	+	+-	+	† 	†
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	-			 	+	+	† 	+	+	+-	+-

TABLE 8-39 WUC 71A - INERTIAL NAVIGATION SET MIER

SCAT	TERPLOT IDENTIFICATION ARRAY	i								
(MAI	NTENANCE VS MRD'S)	م	T104	T MM IC) I L ACF 1	ISCINLU ACE I	MED R ACET	ROUND NCF T	E E E	INNS
	MAINTENANCE PARAMETERS	MRD 'S	AUT MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT	A22 LYULP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACET	A24 FOUTP SCHED REMOVALS PER ACET	A.5 LIMIT GROUND ABORTS PER ACFT	Age LOUIP AIR ABOKIS PER ACE	ALT HALLP CANNS
401	EQUIPMENT MAD (TRANSFORM))						
402	AVG OR RATE									
403	AVG NORM RATE							1		
404	AVG NORS RATE					<u> </u>		i		
4 05	TOTAL MAINT PERSONNEL AUTHORIZED									
406	TOTAL MAINT PERSONNEL ASSIGNED							1		
407	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED					1	1	<u> </u>		
₩ 08	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED			<u> </u>				<u> </u>		
MOa	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED			1		1				
410	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED		<u> </u>	!	<u> </u>			!		
411	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)			<u> </u>			<u></u>	1		
W12	TOTAL MAINT PERSONNEL ASSIGNED (AMS)			[<u> </u>	<u> </u>	<u> </u>	_	
M13	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED	(AMS	<u>L</u>	1	1	}	<u> </u>	<u> </u>	<u> </u>	
414	TOTAL 5 LEYEL MAINT PERSONNEL ASSIGNED	(AMS	<u> </u>	_	!		<u> </u>		<u> </u>	
415		AMS	Ĺ	<u> </u>		<u> </u>	 	<u> </u>	<u> </u>	ļ
416	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED	LAMS	L	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	L	
417	TOTAL MAINT MANHOURS EXPENDED PER ACET		<u> </u>	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
418	AMS MAINT MANHOURS EXPENEDED PER ACET		<u> </u>	1	<u> </u>	1	<u> </u>	<u> </u>	<u> </u>	
419	MAINT CONCEPT			1		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
420	AVG TURN AROUND TIME MAINT		<u> </u>	↓	↓	├	 -	+	 	├
421	ACFT FOD (ALL CAUSES)		 				!			
422	TOT GEN SUPPORT (01-09) MHRS PER ACET		↓	↓	 			 		
M23	GEN SUPPORT OF MHRS PER ACET		↓	↓ -	↓	ļ	├			
424	GEN SUPPORT 32 MMRS PER ACFT		├	┽──	+	 	 	+	 	┼
425	GEN SUPPORT 33 MHRS PER ACFT		├ ─	+	+	+	 	+	┼	
426 427	GEN SUPPORT 04 MHRS PER ACFT GEN SUPPORT 05 MHRS PER ACFT		┼~~	+-	+	+	+	 	 	\vdash
			+	+	+	+	+-	 	 	
1428	GEN SUPPORT 06 MHRS PER ACFT GEN SUPPORT 07 MHRS PER ACFT		+	+	╁─	+		+	+	-
W29			+	+	+	+		†	 	-
430_	GEN SUPPORT 09 MHRS PER ACET		┼	+	+	 -	+-	+	+-	
			+	+	+	+	+-	 	 	i -
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TABLE B-40 WUC 71A - INERTIAL NAVIGATION SET MIER

SCATTERPLOT IDENTIFICATION ARRAY (AIRCRAFT GENERAL VS MRD'S) AIRCRAFT GENERAL PARAMETERS	A01 MAINT ACTION DENAND PER ACT A21 EQUIP TOT MAIR PER ACET	A22 LUUIP TOT REMOVALS PER ACET	A23 EQUIP UNSCHED REMOVALS PER ALFI	REMOVALS PER ACT	AZS LUUTP GROUND ABORTS PER ATET	Aze Equip AIR Aborts PER ACET	AZZ FRUIP CANNS PER ACLI
301 FILIPMENT MAD TRANSFIONS	1 1						
301 FILIPMENT MAD TRANSFIONN 302 FERRS STRUE ELPOPART WAS PROCUED			Ţ				
303 ATRORAFT EMPTY WEIGHT	1	-	Ĭ				
304 MAK BROSS AT TAKE-DEF	i						
GOS 1 ACROPART ACNO AREA					1		
GOG ALPORAFT ASPECT PATES	17.	11	i		i		
307 TOTAL F.EL CAPACITY							
308 AVG APPOPART WING LOAD 309 FEARS DINCE ENGINE PRODUCTION		1.3			!		
GO9 (EARS DINCE ENGINE APODUCTION						<u> </u>	;
310 I ENGINES PER ALPGRAFF					1	L	
311 ALPORAFT TOTAL ENGINE AT					<u> </u>	<u> </u>	1
312 TOTAL THRUST RER NOFT					<u> </u>	 	├
G13 CLIMB PATE					!	 	
G14 GEMERATORS PER ACET						 	
GIS MAINT MANHRS SER SUT HO.	المراد					-	214
316 FARS SINCE FIRST FUIGHT					 	<u> </u>	<u> </u>
					<u> </u>	↓	
					<u>! </u>	↓	
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TABLE B-41 WUC 71C - INSTRUMENT LANDING SET MIER

	TERPLOT IDENTIFICATION ARRAY IPMENT VS MRD'S) AVIONICS EQUIPMENT PARAMETERS	MDR'S	DEMAND PER ACFT	A21 EQUIP TOT MMIR PER ACFT	A22 EQUIP 101 REMUVALS PER ACFT	A23 FUUIP UNSCHED REMUVALS PER ACFI	A24 EQUIP SCHED REMOVALS PER ACFT	A25 LUUIP GROUND ABORIS PER ACFT	AZE EQUIP AIR ABORTS PER ACFT	A27 EQUIP CANNS PLR ACFT
101	MAINT ACTION DEMAND PER ACET EQUIPMENT LOCATION ON ACET								<u> </u>	
102	EQUIPMENT LOCATION ON AGET		22.5	.25"					<u> </u>	112:
403	EQUIPMENT WEIGHT							ļ	<u> </u>	
104	EQUIPMENT ICLUME		<u> </u>					<u> </u>	<u> </u>	
405	IRU COUNT							<u></u>		
406	SPERATING TEMPERATURE		723	.05ì	ə~1	.:44			Ц.	
407	COOLING METHOD							<u> </u>	Ь_	<u> </u>
108	PROTECTION DEVICES		L	230						::
709	NUMBER OF TEST POINTS ORG LEVEL)							ļ	<u> </u>	<u> </u>
410	REQUIRED AGE		0.17	255	<u> </u>	<u> </u>]	<u> </u>	1.57
411	AGE AVAILABILITY			252		1			<u> </u>	129
-12	AGE UNRELIABILITY							<u></u>	L	!
213	AVG OPERATING TIME PER SORTIE				<u> </u>				<u> </u>	<u> </u>
1:4	FAILURE MALFUNCTION CAUSES		·	<u> </u>		<u> </u>]		
115	RETEST OK RATE		-::-		0.6	6				
116	ON-OFF CYCLES PER FLYING HOUR					<u> </u>		<u> </u>	<u>L</u>	
A17	ON-OFF CYCLES PER SORTIE								\bot	
418	GROUND/FLIGHT OPERATING RATIO				Ī	1		Γ		
119	FAILURE ABORT RATIO				\sqcap	Г				
420	EQUIPMENT DENSITY									
421	ECUIPMENT TOTAL MANRS DED ACET		102	<u> </u>	L		<u> </u>	<u> </u>	<u> </u>	<u> </u>
:22	EQUIPMENT TOTAL REMOVALS PER ACFT		:15	254	<u> </u>	L_	<u> </u>	1	ـــــ	<u> </u>
423	EQUIPMENT UNSCHED REMOVALS PER ACET		<u> </u>	<u> </u>			<u> </u>	<u> </u>	<u> </u>	
424	EQUIPMENT SCHED REMOVALS PER ACET		<u>↓</u>	1	L	 	↓	<u> </u>	↓	<u> </u>
A25	EQUIPMENT GROUND ABORTS PER ACET		<u> </u>			ļ	<u> </u>		↓	<u>↓</u>
125	EQUIPMENT AIR ABORTS PER ACET		ļ	<u> </u>	<u> </u>		↓	—	 	-
427	EQUIPMENT CANNS PER ACET			123	1	1	<u> </u>		↓	<u> </u>
<u></u>			<u> </u>	 	1	L_	<u>i</u>	1	↓	<u> </u>
			↓	├	<u> </u>	ļ	 	ـــــ	↓	ļ
L			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u></u>	1
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			ļ	<u> </u>	<u> </u>	1	<u> </u>	<u> </u>	1	
Ĺ	<u> </u>		1	!	1_	<u> </u>		ـــــ		
			<u> </u>		1	<u> </u>	<u></u>		ــــ	<u> </u>
			1							

TABLE B-42 WUC 71C - INSTRUMENT LANDING SET MIER

	ERPLOT IDENTIFICATION ARRAY MATIONS VS MRD'S)		Z	MHRS	LEMOYAL S		I.	0	BORTS	
		MRD'S	AOT MAINT ACTION DEMAND PER ACET	AZI EQUIP TOT MYHRS PER ACFT	A22 EQUIP TOT REMOVALS	A23 EQUIP UNSCHED REMOVALS PER ACFI	A24 EQUIP SCHED REMOVALS PER ACF	A25 EQUIP GROUND ABORTS PER ACFT	AZE EQUIP AIR ABORIS	FOUTP CANNS
	OPERATIONS PARAMETERS		A01 M	A21 E PER A	A22 EQUI	A23 E	A24 t REMOV	A25 E ABORT	A26 t	AZZ E
201	EQUIPMENT MAD (TRANSFORM)									
202	YEARS ACET HAVE BEEN ON BASE						ļ		L	
003	AVG MISSION MIX				L		<u> </u>		\vdash	
004	AIRCRAFT GROUNDED TIME						<u> </u>	L		
005	AVG TAKE-OFF SPEED			<u> </u>	1		<u> </u>	<u> </u>	L	
006	MEDIAN TAKE-OFF DISTANCE			<u> </u>			1			
007	PERCENT OF MAX TAKE-OFF WT									
008	AVG. CLIMB RATE				<u> </u>	<u> </u>	1	l		
209	AVG CRUISE SPEED									
010	AVG CRUISE ALTITUDE							}	<u>L</u> :	
211	AVG DECENT RATE							Ī		
012	AVG LANDING SPEED									
213	MINIMUM LANDING DISTANCE							T	L	
214	AVG LANDING WT			\sqcap						
015	TOTAL FLYING HOURS PER ACFT		226	\vdash	1003	100	1			
215	TRAINING FLYING HOURS PER ACFT		1		1		T	T		
217	OPERATIONS FLYING HOURS PER ACET					1	1	1		
018	MISC FLYING HOURS PER ACET					1	 	\vdash	<u> </u>	
219	TOTAL LANDINGS PER ACET		_	+		-	 	 	 	-
720	TRAINING LANDINGS PER ACET		 	+		├	 	 	 	
321	OPERATIONS LANDINGS PER ACET		$\overline{}$	_	$\overline{}$			1		
022	MISC LANDINGS PER ACET					T-		1		
723	AVG NO OF ACFT ON ALERT						1			
224	AVG NO OF DEPLOYED ACET		 	+	1	†	1	1	T-	
025	TOTAL SORTIES PER ACET		9:4	T	1		T-			
225	TRAINING SORTIES PER ACET		<u> </u>				 	1		
327	OPERATIONS SCRIIES PER ACET		10:2				1			
328	MISC SORTIES PER ACET			\top		T	1			
229	AVG POSSESSED ACET		1	1	1	1	1			
230	MAXIMUM ACET SPEED			T		Т	T	T	1	
031	MAXIMUM ACET CEILING		1	1		1		1	1	
222	ACET CREW SIZE		2:0	1		51	1			
033	AVS SORTIE LENGTH			T	\top	1	1	T^{-}		
234	ACCIDENTS (MAJOR/MINOR) PER ACET		1	1	T	ī	1	1		1
735	INCIDENTS PER ACET		†	+	+-	ī	T	†	1	

TABLE 8-43 WUC 71C - INSTRUMENT LANDING SET MIER

	TERPLOT IDENTIFICATION ARRAY IRONMENTAL VS MRD'S) ENVIRONMENTAL PARAMETERS	MRD'S	ADI MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MMHR PER ACET	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOYALS PER ACET	A24 EQUIP SCHED REMUVALS PER ACFT	A25 EQUIP GROUND ABURTS PER ACFT	A26 EQUIP AIR ABORIS PER ACFT	A27 EQUIP CANNS PER ACFT
- FO1 I	CONTONENT MAD (TRANSSORM)				<u> </u>			 		├
E01	EQUIPMENT MAD (TRANSFORM) BASE ALTITUDE			:53	<u> </u>					
E03	RUNWAY DIRECTION		5.2		<u></u>	-		·		
E04	DISTANCE TO MOUNTAINS				 					
E05	DIRECTION TO MOUNTAINS				 			 		\vdash
506	NO OF SNOW DAYS		-		\vdash	 -		 	 	$\vdash \vdash$
E37	TOTAL SNOW FALL		 -		 	<u> </u>		 	-	├─┤
E08	MEAN SNOW DEPTH		 	_		-		<u> </u>		\vdash
E09	NO OF RAIN DAYS				├		-	 -		
E10	TOTAL RAIN FALL		-					 		H
	NO OF HAIL DAYS			_	 -	├		 -	├	-
E11	RELATIVE HUMIDITY		 		 	 		 	 -	
E:3	NO OF THUNCER DAYS	_	<u> </u>		\vdash	 -	-		 	$\vdash \vdash$
ξ14 l	NO OF SLEET DAYS	_	-		`	 	_	 	 	
£15	NO OF FOG DAYS				 	 	 	 	 	
= 1.5	NOITOBBIC ONLE STANIMOCERS		 -					-		\vdash
£17	MAX CROSSWINDS LESS THAN 10 MPH		-	<u> </u>	7.41	,,03		 	 	
E:8 1	MAX CROSSWINDS 10-19 MPH		 			1,03	 	 	 	
=19	MAX CROSSWINDS 20-29 MPH		g 3	: 53	6:2	12	├	 	 -	
= 2 29	MAX GROSSWINGS 30-39 MPH		-0	1	1 5:2	1,134			┼	
=21	MAX CROSSWINDS 40-49 MPH			-	1	1	1	1	 	
E22	MAX CROSSWINDS GREATER THAN SO MPH	_	_	<u> </u>				T		
E23 1	MEAN TEMP	_		1	†	\vdash		1	T^-	\vdash
£24	MEAN MIN TEMP		† -	1	1	†	1	1	1_	
E25	MEAN MAX TEMP					T			Ī	
£25	DAYS MAX TEMP WAS ABOVE 80" "F"									
E27	DAYS MIN TEMP WAS BELOW 32"F"									
E28	TOTAL OBSTRUCTIONS TO VISION				Γ	1		Ι		
129	PREDOMINATE TYPE OF OBSTRUCTIONS						Ĺ			
E 30	AVG DESTRUCTION TYPE									1
£31	AVG OBSTRUCTION DEVERITY	_			I	Π				
							T			
										lacksquare
						_				
			1				-			

TABLE B-44 WUC 71C - INSTRUMENT LANDING SET MIER

• • • • •	TERPLOT IDENTIFICATION ARRAY ITENANCE VS MRD'S) S MAINTENANCE PARAMETERS	AOI MAINT ACTION	A21 EQUIP TOT MMIR PER ACFT	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORTS PER ACFT	A26 EQUIP AIR ABORTS PER ACFT	A27 EQUIP CANNS PER ACFI
M01	EQUIPMENT MAD (TRANSFORM)								
402	AVG OR RATE					L		<u> </u>	
403	AVG NORM RATE		1				<u> </u>	<u> </u>	
M04	AVG NORS RATE	<u> </u>					<u> </u>		
405	TOTAL MAINT PERSONNEL AUTHORIZED	1049					<u> </u>		
406	TOTAL MAINT PERSONNEL ASSIGNED			<u> </u>		<u> </u>		<u></u>	
M07	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED	7	11:00	9:7		<u> </u>	Щ.		
M08	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED	1034			L	<u> </u>	<u> </u>	<u> </u>	
M09	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED	105		215	<u> </u>	<u> </u>	!	<u> </u>	
410	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED	103		2:6	<u> </u>	<u> </u>	<u> </u>	Ļ	
M11	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)	103		1584	<u> </u>	<u> </u>	<u> </u>	ــــ	1117
412	TOTAL MAINT PERSONNEL ASSIGNED (AMS)	104			ļ	 	Ļ	ļ	
413	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS	٧٠.٠٧	5 1363	1:072	<u> </u>	↓	<u> </u>		نف-
414	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS		_		1	 	<u> </u>	Ļ	11.6
415	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS					<u> </u>	<u> </u>		
<u> M16</u>	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS	4				 	-	 	11 3
M17	TOTAL MAINT MANHOURS EXPENDED PER ACFT	1,541	070	10,38	<u> </u>	↓	ļ	└	ļ
M18	AMS MAINT MANHOURS EXPENEDED PER ACFT	<u> </u>		ـــــ.	<u> </u>	└	<u> </u>	<u> </u>	
<u>419</u>	MAINT CONCEPT			<u> </u>	<u> </u>	ـــــ	<u> </u>	<u> </u>	
M20	AVG TURN AROUND TIME MAINT	 		┼	 	-	┼	├	├
M21	ACFT FOD (ALL CAUSES)	 		+	\vdash	┼	┼	 	 -
M22	TOT GEN SUPPORT (01-09) MHRS PER ACFT	94		1573	+	┼	 	┼	
M23	GEN SUPPORT 01 MHRS PER ACFT	104		1071	-	┼	 	┼	
M24	GEN SUPPORT 02 MHRS PER ACET	104		1094	├-	┿	╁	┼	
<u>425</u>	GEN SUPPORT 03 MHRS PER ACET	1/67	1073		+	┼	\vdash	┼	+
<u>426</u>	GEN SUPPORT 04 MHRS PER ACET GEN SUPPORT 05 MHRS PER ACET	+	1072		+	+-	1	+-	+ -
M28	GEN SUPPORT OF MIRS PER ACET	+-	+***	+	\vdash	 -		+-	+
M29	GEN SUPPORT OF MHRS PER ACET	+	-015	1	+-		+-	+	1.
430	GEN SUPPORT OF MHRS PER ACET	+-	+**	+	+	 	1 -	1	
730	JEH BUFFURE OF HIRNS FER MUFT	+	+-	+	+-	+-	+	+-	Ť
		+-	_	+	†	 		T	\top
		1		1	 	1	\top	1	\top
		T		1	1	1	1	1	
		+	1			T^-	1	1	

TABLE 8-45 WUC 71C - INSTRUMENT LANDING SET MIER

GO1 SOUTEMENT MAD (TRANSFORM) GO2 YEARS SINCE ALRORAFT WAS PRODUCED	
GO2 YEARS SINCE AIRCRAFT JAS DROPHICED	
303 ALRCRAFT EMPTY WEIGHT	
GO4 MAX GROSS AT TAKE-OFF	
GOS AIRCRAFT MING AREA	
GO6 AIRCRAFT ASPECT RATIO	
SOT TOTAL FUEL CAPACITY	
308 AVG AIRCRAFT WING LOAD 19975	1115
GO9 YEARS SINCE ENGINE PRODUCTION	
310 ENGINES PER AIRCRAFT	
G11 AIRCRAFT TOTAL ENGINE WT	
G12 TOTAL THRUST PER ACET	
S13 CLIMB RATE	
G14 GENERATORS PER 4CFT 1920 1977	l
G15 MAINT MANHRS PER FLT HR.	
316 YEARS SINCE FIRST FLIGHT	
	
 	
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	- - - -
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TABLE B-46 WUC 71D - TACAN SET MIER

(EQUIF										, ,
	PMENT VS MRD'S)		110N CFT	F MMIGR	T ACF T	SCHED ACF I	NED ACFT	OUND CFT	AZE EQUIP AIR ABORTS PER ACET	NRS
		MUR 'S	AUI MAINT ACTION DEMAND PER ACFT	AZI EQUIP TOF MMIR PER ACET	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS PER ACEI	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORTS PER ACFT	Quip Ai	FOUTP CANNS
	AVIONICS EQUIPMENT PARAMETERS		AU1 P	A21 E PER A	A22 E REMOV	A23 E REMOV	A24 E REMOV	A25 L ABORT	A26 F	A27 t PIR A
401	MAINT ACTION DEMAND PER ACET EQUIPMENT LOCATION ON ACET									
-102	EQUIPMENT LOCATION ON ACFT		-::-							
-03	EQUIPMENT WEIGHT			- ;;	1-1	14.7				
A04	EQUIPMENT VOLUME									
405	SRU COUNT			L						
406	OPERATING TEMPERATURE						<u> </u>			
A07	COOLING METHOD								<u> </u>	
108	PROTECTION DEVICES			<u> </u>		<u> </u>			<u> </u>	
A09	NUMBER OF TEST POINTS (ORG LEVEL)									
410	REQUIRED AGE							<u></u>		
411	AGE AVAILABILITY			1				Γ		
A12	AGE UNRELIABILITY		11:3		1/74	1.4				
A13	AVG OPERATING TIME PER SORTIE									
A14	FAILURE/MALFUNCTION CAUSES			Ţ]	,		Ţ		J
À15	RETEST OK RATE		i					T		/230
416	ON-OFF CYCLES PER FLYING HOUR			· · · ·	0			T		
A17	ON-OFF CYCLES PER SORTIE						\vdash	\vdash		
A18	GROUND/FLIGHT OPERATING RATIO		11162	54	7:11	2.3	1	$\overline{}$		
A19	FAILURE/ABORT RATIO		24	 	1.5	122	 		_	-:-
A20	EQUIPMENT DENSITY			 	<u> </u>			$\overline{}$	 	- -
A21	EQUIPMENT TOTAL MMHRS PER ACET		/20			T				
A22	EQUIPMENT TOTAL REMOVALS PER ACET		3	1.42	1			1		
423	EQUIPMENT UNSCHED REMOVALS PER ACFT		Γ	i	i -					
A24	EQUIPMENT SCHED REMOVALS PER ACET			†		1		$\overline{}$	1	_
A25	EGUIPMENT GROUND ABORTS PER ACFT		1		1	T				
A25	EQUIPMENT AIR ABORTS PER ACET			1	 	1			T^{-}	
A27	EQUIPMENT CANNS PER ACFT				T				Ţ	
				i		1	Ī			
			T	1	1	T	ī	\Box	T -	T
					T	T	T	\Box	\Box	i
			1	1	 	†	†	t	†	+
			1	1	 	+	+-	1	1	T
			1	1	†	+	† 	T	1	†
			 	1	+	†	+-	1	1-	1
}			+-	+	+	;	+	+	 	

TABLE	B-47 WUC 71D - TACAN SET MIER		_							
SCATT	ERPLOT IDENTIFICATION ARRAY				1 S					
/ODED	ATIONS VS MRD'S)			RS.	A22 EQUIP TOT REMOVALS PER ACFT	ل ہے	_		AIR ABORTS	ļ
(UPER	ALIUNS VS MKD S)		NO.1.	TOT MMIRS	RE	A23 EQUIP UNSCHED REMOVALS PER ACET	0 [-	₹.	ABC	2
		MRD'S	ACF	10	10	NSC B.	R. A	S 5	=	AN
		¥	11 A 30	ا ا	۵.	2 =	7 3	ع ۾	a	a
			AUI MAINT ACTION DEMAND PER ACFI	A21 EQUIP	동	A23 EQUIP UNSCHEI REMOVALS PER ACE	A24 EQUIP SCHED REMOVALS PER ACF	A25 EQUIP GROUND ABORIS PER ACFI	A26 EQUIP	LQUIP CANNS ACFI
	OPERATIONS PARAMETERS		- A	22	200	- S	4 V	SE	19 E	AZZ L
	OFENATIONS FARABLEERS		83	8 2	25 F 25	A2 ₹	¥ ₹	AB AB	A2 PE	₹ ₹
201	EQUIPMENT MAD (TRANSFORM)		ļ		<u> </u>					
702	YEARS ACET HAVE BEEN ON BASE		 		!					
203	AVG MISSION MIX		<u>-</u>	 	-					
204	AIRCRAFT GROUNDED TIME AVG TAKE-OFF SPEED			 	<u> </u>					
005	MEDIAN TAKE-OFF DISTANCE		 		 				-	
007	PERCENT OF MAX TAKE-OFF WT		 	-	 	 		<u> </u>		
308	AVG. CLIMB RATE			1 50	20	,224				
000	AVG CRUISE SPEED		 	Ť	 	1		_		
010	AVG CRUISE ALTITUDE		<u> </u>			1		Ī		
211	AVG DECENT RATE							T		
012	AVG LANDING SPEED		Ī.	Γ	Ì					
013	MINIMUM LANDING DISTANCE									
014	AVG LANDING WT		<u> </u>	<u> </u>		<u> </u>		<u> </u>		
215	TOTAL FLYING HOURS PER ACET		1	رآن	- 5	221		<u> </u>		\Box
016	TRAINING FLYING HOURS PER ACET		ļ	↓		<u> </u>	<u> </u>	Ь		
217	OPERATIONS FLYING HOURS PER ACFT		ļ		<u> </u>		<u> </u>	<u> </u>		
018	MISC FLYING HOURS PER ACFT		↓	<u> </u>	<u> </u>	ļ		<u> </u>		
3:9	TOTAL LANDINGS PER ACFT		ļ	ļ		 	<u> </u>	 - -		
720	TRAINING LANDINGS PER ACET		├	 	+			-	 	
221	OPERATIONS LANDINGS PER ACFT MISC LANDINGS PER ACFT		┼──	1	 	┼	-	┼	├	
322	AVG NO OF ACET ON ALERT		 	+-	+	 	├	 -	-	
024	AVG NO OF DEPLOYED ACET		┼─	+-	┼	 	 	 		
025	TOTAL SORTIES PER ACET		1	,		1			i –	
325	TRAINING SORTIES PER ACET									
327	OPERATIONS SORTIES PER ACET			1	1.19	:::2				
J28	MISC SORTIES PER ACFT						i			
029	AVG POSSESSED ACFT		<u> </u>	ļ			Ţ	<u> </u>		\Box
030	MAXIMUM ACET SPEED		1				↓	<u> </u>	lacksquare	
031	MAXIMUM ACFT CEILING		ļ	ļ	-	<u> </u>	↓	 	 	
232	ACET CREW SIZE		1713	1/ 53	1 14	 : . :	+	├	↓	
033	AVG SORTIE LENGTH		 	+	+	 	!	 -	├ ─	
734	ACCIDENTS (MAJOR/MINGR) PER ACET			┼		 	 	 -	-	
0.35	INCIDENTS PER ACET		<u> </u>			<u></u>	-	<u></u>	!	<u> </u>

TABLE B-48 WUC 71D - TACAN SET MIER

	TERPLOT IDENTIFICATION ARRAY (IRONMENTAL VS MRD'S) ENVIRONMENTAL PARAMETERS	MRD 'S	AOI MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MAHR PER ACET	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMOVALS DED ACET	A24 EQUIP SCHED	A25 FOUTP GROUND	ABORTS PER ACFT	A26 EQUIP AIR ABORTS PER ACFT	A27 EQUIP CANNS PLH ACFT
EO1	EQUIPMENT MAD (TRANSFORM)			-			† -	一			
E02	BASE ALTITUDE		_					\neg	_		
E03	RUNWAY DIRECTION			1.5				\neg			
E04	DISTANCE TO MOUNTAINS							T			
E05 1	DIRECTION TO MOUNTAINS					_	1	$\overline{}$	_		
E06	NO OF SNOW DAYS				i	_	 	- †-	-		
£37 i	TOTAL SNOW FALL						1				
E08	MEAN SNOW DEPTH					-	Ī	\neg			
EC9	NO OF RAIN DAYS					 	†	\dashv	_	_	i
E10	TOTAL RAIN FALL				<u> </u>	1	i -	- i -			
E11	NO OF HAIL DAYS						+-			-	
Ē12	RELATIVE HUMIDITY				<u> </u>	 	 				\vdash
E13	NO OF THUNDER DAYS		137	11,3	173	:.~	1	\neg			
E14	NO OF SLEET DAYS			1		1	\top	\neg			
£15	NO OF FOG DAYS						$\overline{}$	ī		· · ·	
_E16	PREDOMINATE WIND DIRECTION			1			\top				
E17	MAX CROSSWINDS LESS THAN 10 MPH						\top	Ti-			
E18	MAX CROSSWINDS 10-19 MPH		1.30	e À	1.22	1.226		-+	_	-	
_E19	MAX CROSSWINDS 20-29 MPH		7.2	. 6~	14	1 2 3			_	-	
-29 i	MAX CROSSWINDS 30-39 MPH		1.0	0	2			-i -			\vdash
E21	MAX CROSSWINDS 40-49 MPH						Ť	1			
E22	MAX CROSSWINDS GREATER THAN 50 MPH										
E23	MEAN TEMP		1					T		Ī	
E24	MEAN MIN TEMP										
E25	MEAN MAX TEMP										
525	CAYS MAX TEMP WAS ABOVE 800 HER										
E27	DAYS MIN TEMP WAS BELOW 32"F"				$\bot \overline{\Box}$						
E28	TOTAL OBSTRUCTIONS TO VISION										
E29	PREDOMINATE TYPE OF OBSTRUCTIONS						Ī		_		
£30	AVG DBSTRUCTION TYPE					!					1,:::
£31	AVG DBSTRUCTION SEVERITY							\Box			
<u> </u>								\perp			igsquare
							1	\perp		_	1
						1				<u> </u>	
				1	1		Ţ			L	

TABLE B-49 WUC 71D - TACAN SET MIER SCATTERPLOT IDENTIFICATION ARRAY MMIR (MAINTENANCE VS MRD'S) AO1 MAINT ACTION
DEMAND PER ACFT
A21 EQUIP TOT NYHIR
PER ACFT
A22 LQUIP 1QT
REMOVALS PER ACFT
A23 EQUIP UNSCRED
REMOVALS PER ACFT
A24 EQUIP SCRED
REMOVALS PER ACFT
A25 EQUIP GROUND
ABORTS PER ACFT
A25 EQUIP GROUND
ABORTS PER ACFT
A26 EQUIP ALK
ANDRIS PER ACFT
A27 EQUIP CANNS
PER ACFT MAINTENANCE PARAMETERS EQUIPMENT MAD (TRANSFORM) AVG OR RATE 401 402 AVG NORM RATE **4**04 AVG YORS RATE **Y**05 TOTAL MAINT PERSONNEL AUTHORIZED TOTAL MAINT PERSONNEL ASSIGNED TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED 407 MOS | TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED 15/11/31 1971 MOD | TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED 145 1 - 1 1 25 13 1172 200 MIO TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED TOTAL MAINT PERSONNEL AUTHORIZED (AMS) M12 TOTAL MAINT PERSONNEL ASSIGNED (AMS) 1 13 1176 13:55 M13 TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS) -4 1-71 2261 1/42 1 252 MI4 | TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS) TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS)
TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS) TOTAL MAINT MANHOURS EXPENDED PER ACET 3- 19691 413 I AMS MAINT MANHOURS EXPENEDED PER ACET MI9 MAINT CONCEPT M20 AVG TURN AROUND TIME MAINT M21 ACET FOD (ALL CAUSES) M22 TOT GEN SUPPORT (01-09) MHRS PER ACFT 1:71 -21 / 23 -----M23 | GEN SUPPORT OF MHRS PER ACET ,03 M24 | GEN SUPPORT 02 MHRS PER ACET GEN SUPPORT D3 MHRS PER ACFT 75 :; **او**ور' 427 GEN SUPPORT OF MHRS PER ACET -6 458 GEN SUPPORT OF MHRS PER ACET 429 GEN SUPPORT OF MHRS PER ACET **430** GEN SUPPORT 39 MHRS PER ACET

TABLE B-50 WUC 71D - TACAN SET MIER SCATTERPLOT IDENTIFICATION ARRAY A01 MAINT ACTION
DEMAND PER ACET
A21 EQUIP 10T MHIR
PER ACFT
A22 EQUIP TOT
REMOVALS PER ACFT
A23 EQUIP UNSCHED
REMOVALS PER ACFT
A24 EQUIP SCHED
REMOVALS PER ACET
A25 EQUIP SCHED
REMOVALS PER ACET
A26 EQUIP SCHED
REMOVALS PER ACET
A27 EQUIP SCHED
REMOVALS PER ACET
A28 EQUIP GROUND
ABURIS PER ACET (AIRCRAFT GENERAL VS MRD'S) A26 EQUIP AIR ABORIS PER ACTI A27 EQUIP CANNS PER ACTI AIRCRAFT GENERAL PARAMETERS EQUIPMENT MAD (TRANSFORM)

(EARS SINCE AIRCRAFT WAS PRODUCED

AIRCRAFT EMPTY WEIGHT GO1_ G02 12/12/1 G03 MAX GROSS AT TAKE-OFF AIRCRAFT WING AREA 20 100 G05 3/ 1.212 GO6 AIRCRAFT ASPECT RATIO TOTAL FUEL CAPACITY G07 1:16 AVG AIRCRAFT WING LOAD YEARS SINCE ENGINE PRODUCTION ENGINES PER AIRCRAFT G08_ 509_ G10 | AIRCRAFT TOTAL ENGINE WT TOTAL THRUST PER ACFT G11 5/1 1.4 17 179 1210 G12 | CLIMB RATE <u> 313 |</u> GENERATORS PER ACET GIS MAINT MANHRS PER FLT HR. G16 YEARS SINCE FIRST FLIGHT

TABLE B-51 WUC 71F - ATTITUDE HEADING REFERENCE SET MIER

		i		,						
SCAT	TERPLOT IDENTIFICATION ARRAY									
(FOLI	IPMENT VS MRD'S)			æ	1	. }			ABORTS	ŀ
(= 40	TEMENT 43 PRO 3)		<u>ج</u> ـ	A21 EQUIP TOT MMIR PER ACFI	7.1	A23 EQUIP UNSCHED REMOVALS PER ACFI	(H	\$ _	8	
			11	1	1 A	SC	HEL AC	85	~	₹ S
		MDR 'S	AC.	10	15 E	SE	SE	35 4	AIR	5
		₹	N E	۵	F S	S	S F	요불	<u>a</u> .	≟ _
			AOI MAINT ACTION DEMAND PER ACFT	골날	A22 EQUIP TOT REMOVALS PER ACFT	34	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORIS PER ACFT	3,7	EQUIP CANNS ACFT
	AVIONICS EQUIPMENT PARAMETERS		- ₹	-~	201	~ N	₽	5 6	9 2	~ ~
	ATOMICS EQUIPMENT PARAMETERS		A 70	A Z	A2 RE	A2 RE	A2 ₹	A2 AB	A26 FQUIP PER ACFT	A27 PER
401	MAINT ACTION DEMAND PER ACET									
-02	EQUIPMENT LOCATION ON ACET									
403	ECUIPMENT WEIGHT							L		
۵04 ا	SQUIPMENT FOLUME		1233		استنزا	1:00				
405	SRU COUNT		12 37						L	
-06	OPERATING TEMPERATURE		1237		171,2	;•.~ <i>•</i>				
407	COOLING METHOD						<u> </u>			
408	PROTECTION DEVICES		1236		<u> زود ز</u>	125	!			
409	NUMBER OF TEST POINTS (ORG LEVEL)									
410	RECUIRED AGE								<u> </u>	
411	AGE AVAILABILITY					<u>L</u>				$oldsymbol{ol}}}}}}}}}}}}}}}}}}$
412	AGÉ UNRELIABILITY								<u> </u>	
A13	AVG OPERATING TIME PER SORTIE			1				<u></u>	<u> </u>	
114	FAILURE/MALFUNCTION CAUSES								1	
A15	RETEST OK RATE									
415	ON-OFF CYCLES PER FLYING HOUR						<u></u>		<u> </u>	
417	ON-OFF CYCLES PER SORTIE		<u> </u>							
118	GROUND/FLIGHT OPERATING RATIO			}						
A19	FAILURE/ABORT RATIO									
750	EQUIPMENT DENSITY									
421	EQUIPMENT TOTAL MMHRS PER ACET		155	<u> </u>			Ļ			L
122	EQUIPMENT TOTAL REMOVALS PER ACFT		4	:57	<u> </u>	<u> </u>		<u> </u>	ļ	
123	EQUIPMENT UNSCHED REMOVALS PER ACET			<u> </u>	<u> </u>		L	<u> </u>	L	
124	ECUIPMENT SCHED REMOVALS PER ACET		<u> </u>	} _	ļ			-	<u> </u>	
425	ECUIPMENT GROUND ABORTS PER ACFT		 	├	<u> </u>		ļ	<u> </u>	<u> </u>	↓ ¦
125	EQUIPMENT AIR ABORTS PER ACET				├	├—	├	├	├	
127	EQUIPMENT CANNS PER ACFT		├	/252	ļ		!		├	
}			 		├ ─	 		 	 	igspace
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TABLE B-52 WUC 71F - ATTITUDE HEADING REFERENCE SET MIER

	TERPLOT IDENTIFICATION ARRAY ATIONS VS MRD'S) OPERATIONS PARAMETERS	MRD 'S	AUT MAINT ACTION DEMAND PER ACFI	A21 EQUIP TOT MMIRS PER ACFT	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED RENOVALS PER ACFI	A24 EQUIP SCHED REMOVALS PER ACFT	A25 LOUIP GROUND ABORTS PER ACFT	A26 EQUIP AIR ABORTS PER ACFI	A27 EQUIP CANNS PER ACFT
001	EQUIPMENT MAD (TRANSFORM)							<u> </u>		
202	YEARS ACET HAVE BEEN ON BASE									
203	AVG MISSION MIX									
004	AIRCRAFT GROUNDED TIME	_								
205	AVG TAKE-UFF SPEED			350	: 55	;~?				
206	MEDIAN TAKE-OFF DISTANCE									
307	PERCENT OF MAX TAKE-OFF WT									
208	AVG. CLIMB RATE									
009	AVG CRUISE SPEED		. ~ 12							
2:0	AVG CRUISE ALTITUDE									
511	AVG DECENT RATE									
312	AVG LANDING SPEED		1241		<u> </u>					
213	MINIMUM LANDING DISTANCE		:242				<u> </u>	i		
014	AVG LANDING WT									
215	TOTAL FLYING HOURS PER ACET							ļ		
216	TRAINING FLYING HOURS PER ACET									
017	OPERATIONS FLYING HOURS PER ACET			Ī		Ī				
018	MISC FLYING HOURS PER ACET				i	1		i		
219	TOTAL LANDINGS PER ACFT					_				
220	TRAINING LANDINGS PER ACFT									
021	OPERATIONS LANDINGS PER ACFT									
022	MISC LANDINGS PER ACFT									
023	AVG NO OF ACET ON ALERT						L			
J24	AVG NO OF DEPLOYED ACFT									
225	TOTAL SORTIES PER ACFT				<u> </u>	<u> </u>	<u> </u>			
026	TRAINING SORTIES PER ACET									
027	OPERATIONS SORTIES PER ACFT		ļ	<u> </u>	1:66	1:275	1	L	<u> </u>	
028	MISC SORTIES PER ACFT		L	Щ.	ļ	L	<u> </u>	L		Li
029	AVG POSSESSED ACFT			ļ	<u> </u>	l	<u></u>	<u> </u>	L	
030	MAXIMUM ACFT SPEED			<u> </u>		<u>i </u>	<u></u>	L		
031	MAXIMUM ACFT CEILING			<u> </u>		<u> </u>		<u> </u>		
132	ACET CREW SIZE		 	↓ _		1	<u> </u>	<u> </u>	L	
233	AVG SORTIE LENGTH		ļ			ļ				<u> </u>
734	ACCIDENTS (MAJOR/MINOR) PER ACET			<u> </u>			<u> </u>	<u> </u>	L	
035	I INCIDENTS PER ACET		<u> </u>	<u>!</u>	<u>!</u>	<u> </u>		<u> </u>	L	

TABLE 8-53 WUC 71F - ATTITUDE HEADING REFERENCE SET MIER

	TERPLOT IDENTIFICATION ARRAY IRONMENTAL VS MRD'S) ENVIRONMENTAL PARAMETERS	MRD'S	AOI MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MMHR PER ACET	A22 EQUIP TOT REMUVALS PER ACFT	A23 EQUIP UNSCHED RENOVALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORIS PER ACFT	A26 EQUIP AIR ABORTS PER ACFT	A27 EQUIP CANNS PER ACFT
E01	EQUIPMENT MAD (TRANSFORM)							1		
E02	BASE ALTITUDE									
E03	RUNWAY DIRECTION					<u> </u>	<u> </u>		<u> </u>	L
E04	DISTANCE TO MOUNTAINS				Ī					
E05	DIRECTION TO MOUNTAINS							Ī		
E06	NO OF SNOW CAYS									
E07	TOTAL SNOW FALL							<u> </u>		
E08	MEAN SNOW DEPTH						Ī	Ī		
E09	NO OF RAIN DAYS							T		
E10	TOTAL RAIN FALL				ī					
ε11	NO OF HAIL DAYS		<u> </u>				\Box	Ī		
£12	RELATIVE HUMIDITY									
E13	NO OF THUNDER DAYS									
E14	NO OF SLEET DAYS				Π		T	T		L
E15	NO OF FOG DAYS						Ī			
_E15	PREDOMINATE WIND DIRECTION			1255	1					
E17	MAX CROSSWINDS LESS THAN 10 MPH			Ī		T -	Г		}	
£18	MAX CROSSWINDS 10-19 MPH			Ī	i	Ī			1	
£19	MAX CROSSWINDS 20-29 MPH					1		1	1	
E20	MAX CROSSWINDS 30-39 MPH									
E21	MAX CROSSWINDS 40-49 MPH			250	I			<u> </u>	<u> </u>	
E22	MAX CROSSWINDS GREATER THAN 50 MPH			<u>L_</u>						<u> </u>
E23	MEAN TEMP								<u> </u>	
E24	MEAN MIN TEMP			\Box						ļ
E25_	MEAN MAX TEMP				1	<u>L.</u>	ــــــ			↓
£25	DAYS MAX TEMP WAS ABOVE 80"F"		1		1	1	 _ _ 	1	↓	↓
E27	DAYS MIN TEMP WAS BELOW 32"F"		:243	<u> </u>	1:.7	:-:	1	↓	ļ	
E28	TOTAL OBSTRUCTIONS TO VISION		<u> </u>		1		<u> </u>	1	1	
E29	PREDOMINATE TYPE OF OBSTRUCTIONS		<u> </u>	↓		<u> </u>	1	<u> </u>	-	
E30	AVG OBSTRUCTION TYPE			1::1			1			
E31	AVG OBSTRUCTION SEVERITY									1
			ļ			ļ		—	1	
			<u> </u>	-	\perp	1_	Щ.	_		
							1	1_	<u> </u>	
			1							

TABLE 8-54 WUC 71F - ATTITUDE HEADING REFERENCE SET MIER

SCAT	TERPLOT IDENTIFICATION ARRAY	j		i I						
(MAI	NTENANCE VS MRD'S)		10N F1	¥ ¥	ACF I	CHED ALFI	ED ACFT	OND F.1	=	3
		MK0'S	NI ACT	101 91	IP TUT S PER	S PIR	IP SCH	11. GRO	IP AIR	IP CAN
	MAINTENANCE PARAMETERS		AUT MAINT ACTION DEMAND PER ACFT	AZI EQUIP TOT MAIR	A22 EQUIP TOT REMOVALS PER ACF	A23 EQUIP UNSCHED	AZ4 EQUIP SCHED REMOVALS PER ACF	A25 LUUTP GROUND ABURTS PER ALFT	AZO EQUIP AIR ABURTS PER ACET	AZZ FQUIP CANNS PER ACFI
M21	ECUIPMENT MAD (TRANSFORM)									
Y02	AVG OR RATE						<u> </u>		<u> </u>	
MD3	AVG NORM RATE			2.3	<u> </u>				<u> </u>	
404	AVG NORS RATE			ĭ	<u> </u>		<u></u>	!		!
M05 I	TOTAL MAINT PERSONNEL AUTHORIZED		, 1		1 10		1			
406	TOTAL MAINT PERSONNEL ASSIGNED		12-	1				1		
407	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED							T		
403	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED			Τ.					<u> </u>	
409	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED								\sqsubseteq	
W10 i	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED			1	1 : 37			Ī	<u> </u>	
4:1	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)							Ī.		
412	TOTAL MAINT PERSONNEL ASSIGNED (AMS)			1			1	1		
W13 1		(AMS)	1					1		
W14	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED	/ AMS			T			1		
w15	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED	AMS	1	1	1	$\overline{}$		1		
415	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED	(AMS)	1	1	T	\sqcap		Ī		
W17	TOTAL MAINT MANHOURS EXPENDED PER ACET			T			i		-	
413	AMS MAINT MANHOURS EXPENEDED PER ACET				i	Τ_				
419	MAINT CONCEPT		\vdash	1	1	 		Ť	1	
M20	AVG TURN AROUND TIME MAINT		17		13					
421	ACFT FOD (ALL CAUSES)		Ī			Ĺ	<u> </u>	<u> </u>	<u> </u>	1
M22	TOT GEN SUPPORT (01-09) MHRS PER ACET					L_		1	<u></u>	
423	GEN SUPPORT O1 MHRS PER ACET			T_{-}		Ī	L	1	<u> </u>	<u> </u>
M24	GEN SUPPORT 02 MHRS PER ACET									<u></u>
425	GEN SUPPORT D3 MHRS PER ACFT		<u>L</u> .		<u> </u>	<u> </u>	<u> </u>	<u> </u>		L
425	GEN SUPPORT 04 MHRS PER ACFT			I				<u> </u>	 _	ļ
427	GEN SUPPORT 05 MHRS PER ACFT		/245	1	<u> </u>	ــــ	<u> </u>		1	<u> </u>
423	GEN SUPPORT D6 MHRS PER ACFT		<u>L</u>			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
429	GEN SUPPORT OF MHRS PER ACET		12.41	, [12.9	4	1	1		<u> </u>
430	GEN SUPPORT OF MHRS PER ACET				\perp			1	1	
					$\perp \Box$		1	1	<u> </u>	<u> </u>
										
			L			L	1	1		
								1		<u> </u>

TABLE B-55 WUC 71F - ATTITUDE HEADING REFERENCE SET MIER

SCATTERPLOT IDENTIFICATION ARRAY (AIRCRAFT GENERAL VS MRD'S) AIRCRAFT GENERAL PARAMETERS	MRD'S	AOI MAINT ACTION DEMAND PER ACFT	A21 EQUIP TOT MAHR PER ACFT	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSCHED REMINALS PER ACET	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORTS PER ACFI	A26 FOUTP ATR ABORTS PER ACFT	A27 EQUIP CANNS PER ACFT
301 FOULDMENT MAD (TRANSFORM)						<u> </u>	<u> </u>	<u> </u>	
302 YEARS SINCE A LECRAFT WAS PRODUCED					<u> </u>	ļ	<u> </u>		
303 AIRCRAFT EMPTY WEIGHT						}	ļ		L
GO4 MAX GROSS WT TAKE-OFF					<u> </u>	!	<u> </u>		
GOS AIRCRAFT WING AREA							ļ	<u> </u>	
GO6 AIRCRAFT ASPECT RATIO			1.73		1		<u> </u>	ļ	
307 TOTAL FUEL CAPACITY					<u> </u>	<u> </u>	<u> </u>		
GOB AVG AIRCRAFT WING LOAD		723	, 0	-:2		ļ	<u> </u>	ļ	2.
309 YEARS SINCE ENGINE PRODUCTION						<u> </u>	 -	<u> </u>	<u> </u>
G10 ENGINES PER AIRCRAFT					<u> </u>	<u> </u>	<u> </u>	ļ	
G11 AIRCRAFT TOTAL ENGINE WT						L	<u> </u>		
G12 TOTAL THRUST PER ACFT						ļ	<u> </u>	<u> </u>	<u> </u>
G13 CLIMB RATE					<u> </u>	-	 	<u> </u>	
G14 GENERATORS PER ACFT			<u> </u>	<u> </u>	↓	ļ	!	<u> </u>	
G15 MAINT MANHRS PER FLT HR.		1-6	1.61	173	└	 	 	!	-
S16 YEARS SINCE FIRST FLIGHT			ļ	<u> </u>	<u> </u>	ļ	↓	↓	ļ
			<u> </u>	<u> </u>	<u> </u>	↓	 	Ļ	!
			<u> </u>		<u> </u>	↓	<u>L</u>	<u> </u>	ļ
			ļ	<u> </u>	<u> </u>		<u> </u>	<u> </u>	↓
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TABLE B-56 WUC 74F - RADAR SET MIER

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SCATT	ERPLOT IDENTIFICATION ARRAY	1		ł		ľ	- {			
(=0.17	event us MBD16)	į		~	ļ	1			AIR ABORTS	1
(EQUI	PMENT VS MRD'S)		₹.	A21 EQUIP TOT MMIR PER ACFT	E	ΤĦ	_ [<u>a</u> .	8	
			55	<u>×</u>	_ \alpha	ا≼ږ	Ā	SE.	~	S
		S	AC	2	23	ŠE	22 5	₹ ₹	A	5
		MDR 'S	- H	ا ـ ـ	25	ار ج	ائ ⊑	- హ	ا _ ـ	= _
			ADI MATA ACTION DEMAND PER ACFT	공능	A22 EQUIP TOT REMOVALS PER ACFT	A23 EQUIP UNSC. J REMOVALS PER ACFI	A24 EQUIP SCHED REMOVALS PER ACFI	A25 EQUIP GROUND ABORTS PER ACFT	A26 EQUIP PER ACFI	EQUIP CARRIS
			A A	A E	2 E	~ <u>}</u>	_ ₹ §	3 3	.o ~	~ ~
	AVIONICS EQUIPMENT PARAMETERS		A 3	A?	AZ REI	₹.	A2 REI	A B	A26 PER	A27
101	MAINT ACTION DEMAND PER ACET								1	
402	EQUIPMENT LOCATION ON ACET		; {		1-3	: 24				
403	EQUIPMENT WEIGHT		٠, ٦		347	. : *				
A04	EQUIPMENT VOLUME			111	1)52	. 33*				<u> </u>
۵05	SRU COUNT									
206	OPERATING TEMPERATURE									
407 T	COOLING METHOD									
703	PROTECTION DEVICES					1			Ì	
409	NUMBER OF TEST POINTS ORG LEVEL)		i	i		1				
410	REQUIRED AGE				5	1			<u>L</u>	
411	AGE AVAILABILITY					1		Ī		
1:2	AGE UNRELIABILITY		:17		+ 35	.783				
413	AVG OPERATING TIME PER SORTIE				11:55	1390	Ī			
114	FAILURE/MALFUNCTION CAUSES		Ţ	Ī			Ī	Ī	<u> </u>	
-15	RETEST OK RATE			17.	1 :::		<u> </u>		<u> </u>	
415	ON-OFF CYCLES PER FLYING HOUR				.54	187	Ī			
417	ON-OFF CYCLES PER SORTIE			Ĭ	T		Ĭ	<u>i </u>		
418	GROUND/FLIGHT OPERATING RATIO					1 15		i		
A19	FAILURE/ABORT PATIO			1				Ī _	T	
AZO	EQUIPMENT DENSITY	_					Ι			\Box
42:	ECUIPMENT TOTAL MMHRS PER ACET		:33		<u> </u>	ļ	<u> </u>	 	↓	<u> </u>
A22	EQUIPMENT TOTAL REMOVALS PER ACET		1:12	+:3			<u> </u>	Ļ	<u> </u>	
A23	EQUIPMENT UNSCHED REMOVALS PER ACFT		<u> </u>		<u> </u>	<u> </u>	<u> </u>	 	↓	ļ
424	EQUIPMENT SCHED REMOVALS PER ACFT		 	!	↓	ļ	↓	ļ		
A25	EQUIPMENT GROUND ABORTS PER ACET		<u> </u>	 	↓	<u> </u>	ļ	 -	—	نـــــــــــــــــــــــــــــــــــــ
425	EQUIPMENT AIR ABORTS PER ACFT		 		 	├	├ ──	 	-	
327	EQUIPMENT CANNS PER ACET		-	 	 	├	!	├	\leftarrow	+
			┼	 	┼	┼		 	\vdash	
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L	<u> </u>		ــــــــــــــــــــــــــــــــــــــ			1	1	٠	ــــــــــــــــــــــــــــــــــــــ	

TABLE B-57 WUC 74F - RADAR SET MIER

	ERPLOT IDENTIFICATION ARRAY ATIONS VS MRDIS) JESSATIONS PARAMETERS	MKL'S	DEMAND FEM ACEL	AUT EAUTY TOT MANKS	ALL EMILY TOT REMOVALS	A.S FROTE UNSCHED	A.4 1991P SCHED REMOVALS PER ACT	A25 LEWIF CHUND	A. D. LATTE AIN ABORTS	PLACE AND CANNS
		\-			<u> </u>	q :	4 2	44	< ~₁	''
	S COMENT WAS TRANSECOME								ļ •	
110	FEARS AGET HAVE BEEN IN BASE					•				
	478 MISSIN MIC									
74	AGRORAFT GROUNDED TIME								<u> </u>	
2.25	AVS TAKENDER DREED				<u> </u>					
106	MEDIAN TAKE-OFF DISTANCE									
,	PERCENT OF MAX TAKE-OFF AT									
103	AVG TUIMB PATE				1	1				
709	AVG DRUIDE DREED									
1112	AVG DAMICE AUTOTUSE			-		3 4 2				_
	AVG DECENT PATE		5			-				
3.2	AVG ANCING SPEED		 I	· ·	1 - 7	, ,			-	
717	MINIMUM ANDING DISTANCE					11.		•		
7:4	AVG LANCING AT							•		
1:5	TOTAL FLYING HOURS PER ACET		,			3 . !"				
215	TRAINING FLING HOURS PER AGET		· · · ·	<u> </u>		1				
1 317	OPERATIONS FLYING HOURS PER ACET				i		 I			
1:3	MISC FLYING HOURS PER ACET			-	┼	 -			 -	
1 3	TOTAL LANDINGS PER ACET					 				
1.22	TRAINING LANDINGS PER ACET					- -			 -	
221	OPERATIONS ANDINGS PER ACET			 		 		 -		
322	MISC LANDINGS PER ACET			1	:			, 		
1 323	AVG NO DE ACET ON ALERT		 -			-			 	
124	AVG NO OF DEPLOYED ACET				- -	1	 	-	+	
225	TOTAL CORTLES PER ACET		1		•			•		
725	TRAINING BORTIES PER ACET		 	1	-	1	 -	 -	 -	
1 327	OPERATIONS SORTIES PER ACET		1	-	Ī	-		Ī	1	
723	MISC SORTIES PER ACET		 	;	+	†		 		
229	AVG POSSESSED ACET					 		 	 -	
730	MAXIMUM AGET CREED		1	-	†	1	,	 	+	
			 		-	 -		 -	-	
331	MAXIMUM ACET CELLING		 -		;		,	 	+	
			 -	- -		•	-	 	 	
233	1 AVG SORTIE LENGTH		-	117	+			 - -	+	†
234	NACCIDENTS MAUGR MINGR PER ACET		┼	 -'`	-	<u> </u>	•	 -	+	
	the Manue for the Aug		<u></u>	<u> </u>				' -		1

SCATTERPLOT IDENTIFICATION ARRAY (ENVIRONMENTAL VS MRD'S)	MKD'S	BEMAND PER ACFT	1 EQUIP TOT MHIR R ACLI		AZ3 EQUIP UNSCHED REMOVALS PER ACEI	A24 EQUIP SCHED REMOVALS PER ACFT	A25 EQUIP GROUND ABORTS PER ACFT	AZG EQUIP AIR ABORTS PER ACFI	AZZ EQUIP CANNS
ENVIRONMENTAL PARAMETERS		₽ ä	A21 PER	¥ ¥	¥ ¥	. A 3	A. A.	A A	¥
DI EQUIPMENT MAD TRANSFORM									
DO BASE ALTITIDE							<u> </u>	 	! -
OB RUNWAY DIRECTION		91			<u>. </u>	<u> </u>	1	! —	L.
24 DISTANCE TO MOUNTAINS		<u> </u>	: 	<u> </u>		}			-
DE CHRESTIAN TO MOUNTAINS		L	<u> </u>	<u> </u>	<u>:</u>		·		┼
U6 I NO OF UNOW CAYS			<u> </u>			•		-	1
12 F TOTAL CHOM FALL		!		!				+	_
DB F MEAN CHOW DEPTH		<u> </u>		<u>. </u>	<u> </u>	:	<u>: </u>	-	+
119 NO IF PAIN DAYS		 		 -	<u>: </u>	! -			+-
FOTAL RAIN FALL							.		+
ELL NO DE HAIL DAYS		-	-		-	1	<u> </u>	 -	+
SIZ PELATIVE HEMICITY		! .	!		10,		•	┿	-
		}	-	<u> </u>				-	-
E14 NO OF SLEET DAYS		! 	!					-	+
115 NO OF FOG DAYS		!	.					+	-
PEDOMINATE AIND DIRECTION TO MAX GROSSAINDS LESS THAN 10 MPH		1 5		,					÷
		<u> </u>				 -		+	-
:15 MAX DROSSWINGS 12-19 MPH		·	<u>.</u>	÷	-	 		-	+-
TO WAY PROSENTINGS OF THE MPH		 		<u> </u>	-	!	-	+	+-
120 (MAX 1205041105 10-12 MPH 121 MAX 1205041105 40-49 MPH		i :-			-		- -	-	-
120 MAK GROSSHINDS SPEATER THAN SO MEH		-			-	-		-	-
-23 MEAN TEMP		÷	-			 -	-	-	-
		†					-	†	+
CE MEAN MAX TEMP			-	- -	* •	- +	-	+	-
E CAYS MAY TEMP HAS ABOVE 30" F"		-	 -		-			-	•
CONTRACTOR NAME OF THE PARTY OF		-			-	*	- -	·	•
E28 TOTAL BETAUTIONS TO TOTAL		†					 -		-
724 PRESOMENATE TYPE OF BUTTONS		<u> </u>	+	-			1-	+	•
170 - AVA (18579)2710N TYPE		1	ن	Ţ		-	†	1	•
121 4.5 08079U0710N UEVEROTE		 -	:		+		+		•

TABLE B-59 WUC 74F - RADAR SET MIER SCATTERPLOT INDENTIFICATION ARRAY AND PATRI ALTION
OR MARCHER ACT
POLITY FOUR POLITY
POLITY FOR ACT
ACC COURT ON THE ACT
REMOVALS FOR ACT
ACC COURT ON THE ACT
ACC COURT SCHED
ACC COURT ACT
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A (MAINTENANCE VS MRD'S) MAINTENANCE PARAMETERS

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SCAT	TTERPLOT IDENTIFICATION ARRAY	j								
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(AIF	RCRAFT GENERAL VS MRD'S)		₹.	Z	Ξ	34	_ =	2 ∣		
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		MRD'S	AC.	2	57	ĭ, ĕ,	7 =	E E	Z ~	5
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	AIRCRAFT GENERAL PARAMETERS		AO1 MAINT ACTION DEMAND PER ACFT	A21 LOUIP 10T MAIR PER ACFT	A22 FQUIP TOT REMOVALS PER ACFT	AZ3 LOUTP UNSCHED REMOVALS PER ACET	A24 LOUIP SCHLD REMOVALS PER ACFT	A25 FOUTP GROUND ABORTS PER ACFT	AZ6 FQUIP AIR ABORIS PER ACI	A27 EQUIP CANNS PER ACI I
301	FOLTOMENT MAD TRANSFORMS					1				
302	FEARS DINCE AGREET WAS PROCUESS		_ ,							
303	ALROBART EMPTY WELGHT		. 5 🖆		5 ·					
304	MAK GROSS WT TAKE-OFF									
305	ACRORAFT ACNO AREA		3,1							
306	ACROPART ADRECT PATTO				i -					
507	TOTAL FIEL DAPACITY	_			1					
3C 8	400 400004FT 4000 JOAG									
309	REARS SINCE ENGINE PRODUCTION			ı		1				
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311	ACRORART TOTAL ENGINE AT		٠,	6	-					
312	TOTAL THRUST PER ACET		; -		: 19	1				
313	CLIMB PATE				Ī	1				
314	GENERATORS PER ACET									
115	MAINT MANHOS DER FUT HR.			3.44						
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	TABLE B-61 WUC 11A01 - RADOME	_								
	SCATTERPLOT IDENTIFICATION ARRAY		ļ			i	ì	į	İ	1 1
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	(EQUIPMENT /S MRD'S)	ì	Z.	₩₩ ¥	=	ila -	 		1	1 1
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		3	ROT MAINT ACTION DEMAND PER ACFT	ROZ FQUIP 101 PER ACFI	RO3 EQUIP TOT	RO4 EQUIP GROUND ABORTS PER ACLT	ROS LQUIP AIR ABORTS PER AC	\ S	1	i :
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	EQUIPMENT PARAMETERS		울필	R02 PER	2 2	13 €	3 5	ROG EQUIP CANRS		
301 1	MAINT ACTION DEMAND PER ACET	÷							' 	· .
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₹03	EQUIPMENT FOTAL REMOVALS PER ACET	1	7 8	30		I	!	:	Ī	1
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₹06		i					<u> </u>			
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F01	LOCATION OF EQUIPMENT ON ACET	j			<u> </u>	1	<u> </u>	!	1	1
י בני	PRIM MATERIAL - COMP TECH LEVEL	Ī			1	Ī		<u> </u>	1	_
	EQUIPMENT WEIGHT	I		32	1	1	į	1		!
F04 I	EQUIPMENT VOLUME	I			1	1		<u> </u>		t i
F05 i		1					<u> </u>		1	
=25	SUPPORT EQUIPMENT COMPLEXITY	1			1	 -			<u> </u>	
F07		1			<u> </u>		1	1	1	1
F08		_	2		134			<u>i</u>	<u> </u>	<u> </u>
	INFLIGHT SQUAWK VERIFICATION RATE	4			!	1	<u> </u>	!		ļ
F10	ON/OFF OYOLES PER SORTIE	1			<u> </u>	1	<u> </u>	!	 	-
F1:	GROUND TO FLIGHT OPERATING RATIO	4			<u> </u>		<u> </u>	!	!	
= 12	TOTAL TELEVISION OF THE PROPERTY OF THE PROPER	4			ı	<u> </u>	 	<u> </u>	!	+
F14	REMOVALS TO ACCESS OTHER EQUIPMENT SEVERITY OF FOO	+	-	-		+	;	 	1	
F15	PRINCIPLE FAILURE CAUSE	+		<u></u>	<u>1. </u>		! -	!	 	
	EQUIPMENT PROTECTION METHODOLOGY	+						!	; 	
1 = 17	EQUIPMENT PRESSURICATION LEVEL	╁		-	:			 		
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	MOUNTING POSITION	Ť		!	ī	ī		ī	Ţ	Ī
F20		T					ı	ļ.	1	i i
=21	NO OF TIRE PLY'S (TIRES)	T			L	i	1	T		
	LANDINGS PER TIRE (TIRES)					Ĭ .				
=23	AVG TIRE COST (TIRES)	Ī				i	1			1
F24	SECURING METHOD TECH	T		31	65	•	ı			
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	TABLE B-62 WUC 11A01 - RADOME SCATTERPLOT IDENTIFICATION ARRAY (OPERATIONS /S MRD'S)	ROL MAINT ACTION	LQUIP TOT NMIRS	RO3 LIULP TOT REMOVALS PER ACF I	RO4 EQUIP GROUND ABURES DER ACET	ROS EQUIP AIR ABORTS PER ACTI	ROG FOUTP CANUS		
	OPERATIONS PARAMETERS	2 3	282 FE 2	55	RO4	805 ABC	35.		
201	YEARS ACET HAVE BEEN ON BASE	1	-						
C2	AVG MISSION MIX								
203	AVG TAKE-OFF SPEED	11,	134	دو					
004	MEDIAN TAKE-OFF DISTANCE	1			<u>. </u>				
J05	PERCENT OF MAX TAKE-OFF AT	1.2	. [·					i i
306	AVG CLIMB RATE		1						
307	AVG CRUISE SPEED								
300	AVG CRUISE ALTITUDE	!	}		11			1	
	AVG DECENT RATE	0	1-3	7 /					
2:0	AVG LANDING SPEED	1 3	(-/ /	70					, –
311	MINIMUM LANDING DISTANCE	1			1				ī ,
	AVS LANDING WT								
213	TOTAL FLYING HOURS PER ACET	تح [33						,
014	TRAINING FLYING HOURS PER ACET		1						!
015	OPERATIONS FLYING HOURS PER ACET		135	60					
2:5	TOTAL LANDINGS PER ACET		133	74					
217	TRAINING LANDINGS PER ACFT	1							
018	DPERATIONS LANDINGS PER ACET	1 3	136	07					
319	TOTAL SORTIES PER ACET	10	137	72					
	TRAINING SORTIES PER ACET								
	DPERATIONS SORTIES PER ACET	1 7	139	68					
	AVG POSSESSED ACFT		1						
	MAXIMUM ACFT SPEED	1	ł						
324	MAXIMUM ACET CEILING	1	1 43	73					
	ACET CREW SIZE	_	1						
	AVG SCRITE LENGTH	1							
	1 ACCIDENTS (MAUCR/MINOR) PER ACET	1	- °						
123	INCIDENTS PER ACET	1	1						
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	TABLE B-63 WUC 11A01 - RADOME							 	
	SCATTERPLOT IDENTIFICATION ARRAY								i
	(ENVIRONMENT /S MRD'S)	₹ _	HMIK	Ξ,	a _	_			
	(S14 TURINGTH, 12 TURE 2)	ROI MAINT ACTION DEMAND PER ACFT	101	RO3 EQUIP TOT REMOVALS PER ALF	RO4 EQUIP GROUND ABORTS PER ACET	KOS FOUTP ATR ABORIS PER ACE	LOUIP CAMES		1
	S.	ER /	2	RO3 EQUIP TOT REMOVALS PER	RO4 LUUTP GROUI ABORTS PER ACE	¥ ¥	2		Ì
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	ENVIRONMENTAL PARAMETERS	25	ROS	\$ 3	A E	3 €	35. 3.5.		i
EC: I	BASE ALTITICE	6	57	79					
E02		7	43	73					
E03	DISTANCE TO MOUNTAINS						1		
EC4	NO OF SNOW DAYS		40						
E05_	TOTAL SNOW FALL		43				;		
E0.6	MEAN SNOW DEPTH		50					l j	
<u> 507 </u>	NO OF RAIN DAYS		22		!		1		
E08	TOTAL RAIN FALL				<u> </u>				
£09	NO OF FAIL DAYS	<u> </u>						1	
E10	YTIDIMU- BYITALBS	L	<u>!</u>				1		
ε11	MO OF THUNDER DAYS		<u> </u>		<u> </u>				
E:2	YO OF SLEET CAYS	13	وع				!	!	
E13_	NO OF FOG DAYS						!	! !	
E14	PREDOMINATE WIND DIRECTION		<u> </u>	<u> </u>				!;	
£15	MAX CROSSWINDS LESS THAN 15 MPH						-		
E1.6	MAX CROSSWINDS 10-19 MPH		رحی ا	76	<u>!</u>	 _	<u> </u>	 -	
E17	MAX CROSSWINDS 20-29 MPH	سی ا	52		 		<u> </u>		
E18	MAX CROSSWINDS 30-39 MPH		74		!	<u> </u>	 	! 	
E:3	MAX CROSSMINDS 10-16 Abh		154		<u> </u>	<u> </u>	!	! !	
£20	MEAN TEMP		53				<u> </u>	 	
£2:	MESN MAY TEMP				<u>: </u>	-	ì	 -	
E22	MEAN MAX TEMP DAYS MAX TEMP WAS ABOVE BOD 15"	 -					!	 	
E24	DAYS MIN TEMP WAS BELOW 32" F"	 .	127	!		1	1	}	
E25	TOTAL OBSTRUCTIONS TO VISION	\vdash		i	1		i i	1	
£25	AVG OBSTRUCTION TYPE		i	1	-	-	i		
E27	AVG_CBSTRUCTION_SEVERITY			;					
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SCATTERPLOT IDENTIFICATION ARRAY (MAINTENANCE VS MRD'S)		TABLE B-64 WUC 11A01 - RADOME				i	i			
MAINTENANCE PARAMETERS MAINTE		SCATTERPLOT IDENTIFICATION ARRAY		=						
MO1 1/3 OR PATE		(MAINTENANCE VS MRD'S)	CT TON ACF 1	01 MM	OT R ACFT	KOUND	IR ACF T	ANNS		
MO1 1/3 OR PATE		HED'S	MAINT A		EQUIP 1	Equip G 15. eca	FOUTP A		j	i
MO2		MAINTENANCE PARAMETERS	2 E	R02	RO3 REM	RO4 ABDE	ROS A S	ELS R		
M03	401	FIG OR PATE				1				
MOA	402	AVG VORM RATE								
MOS	403	AVG NORS RATE		61						
MOS	404	TOTAL MAINT PERSONNEL AUTHORIZED	24	i	33					
MO6	405 1	TOTAL MAINT PERSONNEL ASSIGNED	27			1	i	Í	i	
MO7	406	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED			35		ī	i		
MOS				30		i			-	
MOS	408		25				Ī			
M10 TOTAL MAINT PERSONNEL AUTHORISED (AMS) M11 TOTAL MAINT PERSONNEL ASSIGNED (AMS) M12 TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS) M13 TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS) M14 TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS) M15 TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS) M16 TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS) M17 AVG TURN ARCUND TIME MAINT M18 ACET FOD (ALL CAUSES) M19 TOT GEN SUPPORT 01 MHRS PER ACET 29 36 M20 SEN SUPPORT 02 MHRS PER ACET 2/58/30 M21 SEN SUPPORT 03 MHRS PER ACET 2/58/30 M22 GEN SUPPORT 03 MHRS PER ACET 2/58/30 M23 GEN SUPPORT 05 MHRS PER ACET 2/58/30 M24 GEN SUPPORT 05 MHRS PER ACET 2/58/30 M25 GEN SUPPORT 06 MHRS PER ACET 2/58/30 M26 GEN SUPPORT 07 MHRS PER ACET 2/58/30 M27 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M28 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M29 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M20 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M21 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M22 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M27 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M28 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M29 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M20 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M21 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M22 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M23 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M26 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M27 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M28 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M29 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M20 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M21 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M22 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M27 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M28 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M29 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M20 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M20 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M20 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M20 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M20 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M20 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M20 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M20 GEN SUPPORT 09 MHRS PER ACET 2/58/30 M20 GEN SUP	409	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED			34	1	1	-		
#12 TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS) #13 TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS) #14 TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS) #15 TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS) #16 TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS) #17 AVG TURN ARCUND TIME MAINT #18 ACFT FOD (ALL CAUSES) #19 TOT GEN SUPPORT (01-09) MHRS PER ACFT	410			1		i				
M12	WII	TOTAL MAINT PERSONNEL ASSIGNED (AMS)		,						
#13	412									
#14	413			1						
#15	414									
M15	415					ļ	1			
M17	W15 1			3 Z	33		1			
M19	417								$\neg \neg$	
M19	413	ACET FOD (ALL CAUSES)	_							
#20	419		29		36					
#22 3EN SUPPORT 03 MHRS PER ACFT	420							-+		
M23 GEN SUPPORT 24 MHRS PER ACET M24 GEN SUPPORT 25 MHRS PER ACET M25 GEN SUPPORT 36 MHRS PER ACET M26 GEN SUPPORT 37 MHRS PER ACET M27 GEN SUPPORT 39 MHRS PER ACET				58						
M24 GEN SUPPORT 05 MHRS PER ACFT	¥22	GEN SUPPORT D3 MHRS PER ACET	25	59	31		i	i	1	
M24 GEN SUPPORT 35 MHRS PER ACFT	423	GEN SUPPORT 24 MHRS PER ACET								
M25	424									
M27 GEN SUPPORT D9 MHRS PER ACFT	425	GEN_SUPPORT D6_MHRS_PER_ACET								
	425	GEN SUPPORT OF MHRS PER ACET								
	427	GEN SUPPORT DE MHRS PER ACFT							- 1	
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	SCATTERPLOT IDENTIFICATION ARRAY			æ						
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		_	¥g	3	EQU.	RO4 FOUTP GROUND ABORTS PLR ACFT	₹ <u>₩</u>	RUG EQUIP CANNS PER ACFI		
	AGRORAFT GENERAL PARAMETERS		ROI MAINT ACTION DEMAND PER ACFI	ROZ EQUIP TOT NYUR PER ACFT	KOB EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUN ABORTS PLR ACFI	RUS FOUTP ATR ABORTS PER ACET	RU6 PER		
	YEARS SINCE AIRCRAFT WAS PRODUCED									
	AIRCRAFT EMPTY WEIGHT		<u> </u>						!!	
303	MAX BROSS AT TAKE-OFF									
304	AIRCRAFT WING AREA					<u> </u>				
305	AIRCRAFT ASPECT RATIO		ļ							
306	TOTAL FUEL CAPACITY								 -	
	AVG AIRCRAFT WING LOAD									
3.5.5	YEARS SINCE ENGINE PRODUCTION		-							
	ENGINES PER ALBERAFT		-	1		<u> </u>				
310	AIRCRAFT TOTAL ENGINE WT				<u> </u>					
	TOTAL THRUST PER ACFT		<u> </u>		_			-		
312	CLIMB RATE		-	 				!		
	SENERATORS PER ACET MAINT MANHRS PER FLT HR			13				-		i
314 315	YEARS SINCE FIRST FLIGHT				_			<u> </u>		
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	TABLE B-66 WUC 11A02 - WINDSHIELDS				<u>.</u> -				
	SCATTERPLOT IDENTIFICATION ARRAY			1	ł	ļ	i		i
	(EQUIPMENT VS MRD'S)		œ			1	Ì	1	
	(EQUIPMENT 13 TABLES)	ĕ	3.	RO3 LQUIP TOT REMOVALS PER ACET	S _	- 1	ا م	- !	i
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		ROL MAINT ACTIO	CON P ACF 1	3 8	RU4 EQUIP GROU	RUS EQUIP AIR ABORTS PER ACE	ROG EQUIP		,
		2 × ×	KG2 PLR	2 3	₹ Š	3	92		
	EQUIPMENT PARAMETERS	23	* =	∝ ≃			~ ~		
₹01	MAINT ACTION DEMAND PER ACET						-		
₹02		9:	1 1						
₹03	EQUIPMENT TOTAL REMOVALS PER ACET		1113				-		
₹04	TAGE CAL GROUND MODILES TO HOL							}	
₹05	500 (11 ATK HOOK 13 -5% HOP:		1					<u> </u>	
₹06	EUITAMEN LANNS PER ACT		-					-	
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F01	CUCATION OF EGO. FMERT DR TOP				1	 	 		
F03			1119	151		1			
F04	ECUIPMENT VOLUME		1/20			i	i		
F05				1	į		1		
506	SUPPORT EQUIPMENT COMPLEXITY		1		1	Į.			<u> </u>
F07 I		174	1/2/	152	1			<u> </u>	<u> </u>
=08	TYPE OF FAILURE PROBLEMS		1			1		<u> </u>	ـــ
=09	INFUIGHT SCUANK VERIFICATION RATE		<u> </u>	1	<u> </u>	1	:	<u> </u>	! -
F10	ON/OFF CYCLES PER SORTIE	<u> </u>		1	 	<u> </u>	<u> </u>	 	
F11	GROUND TO FLIGHT OPERATING RATIO	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1	↓	
=:2	RELATIVE RELIABILITY OF EQUIP DRIVE FORCE	 	 	<u> </u>	-	 	!		
=13	REMOVALS TO ACCESS OTHER EQUIPMENT		}			 	1	<u> </u>	i
F14	SEVERITY OF FOO PRINCIPLE FAILURE CAUSE		 -	:	; 	+			
F16	EGUIPMENT PROTECTION METHODOLOGY	┼	1/22	153	 	i	•	1	1
717	EQUIPMENT PRESSURICATION LEVEL		1	1			Ī		
=13	RAIN REMOVAL TECH (WINDSHIELD)			Ī.		ĺ	f		
F13	MOUNTING POSITION							<u>. </u>	<u> </u>
= 20	POWER RATING (GENERATORS)				1		1	1	<u>!</u>
=21	NO OF TIRE PLY'S (TIRES)	1			<u> </u>	-	 	+	
=22	LANDINGS PER TIRE (TIRES)	 	1	1	-		┼		
	AVG TIRE COST (TIRES)	↓		<u> </u>	 	 -	↓		
=24	SECURING METHOD TECH	↓			!	 	+	┿	+
-		+	<u>'</u>	+	<u> </u>		+	+	+
	l	+	+	+	1		+	 -	Ť
	! 	+-	+	1	+	-!	+	+	;
1	·								

TABLE B-67 WUC 11A02 - WINDSHIELDS

	PARAMETERS	MRID'S	KOI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MHIRS PER ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	ABORTS PER ACET	ROS EQUIP AIR ABORTS PER ACFT	ROG EQUIP CANNS PER ACET		
COL YEARS ACFT HAVE BEEN (AZE N	¦								i
	105									
304 MEDIAN TAKE-OFF DISTAN										
,	- 41		(00						-	
306 AVG CLIMB RATE 207 AVG CRUISE SPEED			102							
										
COS AVG CRUISE ALTITUDE COS AVG DECENT RATE			101	(0)	15%					
310 AVG LANDING SPEED			103		601		-			
311 MINIMUM LANDING DISTAN	ice		103	100	100				1	
012 AVG LANDING WT	(LE									
DIS TOTAL FLYING HOURS PER	1.1000	\dashv	40	123	ا بهتی.					
DI4 TRAINING FLYING HOURS		-+	-7-	1201						
DIS OPERATIONS FLYING HOUR			21	.25	157	i				
216 TOTAL ANDINGS PER ACE			7 7	723	161	i				
1 17 TRAINING LANDINGS PER										
018 OPERATIONS LANDINGS PE			27	.24	155					
19 TOTAL SORTIES PER ACET			7/	129						
320 TAINING SORTIES PER A	CET			12-	757					
1021 OPERATIONS SORTIES PER		$\neg \dagger$	100	127	158					
322 AVG POSSESSED ACET	 -		1							
323 MAXIMUM ACET SPEED										
324 MAXIMUM ACFT CEILING		_					i			
325 ACFT CREW SIZE										
325 AVG SORTIE LENGTH							i			
027 ACCIDENTS MAJOR/MINOR) PER ACET									
128 INCIDENTS PER ACET						i				
		Ī				Ī				

	TABLE B-68 WUC 11A02 - WINDSHIELDS	. —		:				
	SCATTERPLOT IDENTIFICATION ARRAY							
	(ENVIRONMENT VS MRD'S)	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIR PER ACFT	RO3 EQUIP 10F Removais per acft	RO4 EQUIP GROUND ABORTS PER ACFT	ROS EQUIP AIR ABORIS PER ACFI	EQUIP CANNS	
-	ENVIRONMENTAL PARAMETERS	33	55.7	35	S E	\$ ₹	808 PLR	
EOL	SASE ALTITUDE		 		_			$\neg \uparrow \neg$
E02	NOTESTIC YAMNUR		132	164				
E03_	DISTANCE TO MOUNTAINS	Ţ					133	
EC4	NO OF SNOW DAYS		·		Ī			
EQ5	TOTAL SNOW FALL		1					
EC 6	MEAN SNOW DEPTH						\Box	
£07	NO OF RAIN DAYS		134	165				
E08	TOTAL RAIN FALL				1			7
E09	NO OF HAIL DAYS		<u> </u>		1		321	
E10	RELATIVE HUMIDITY							
£11	40 OF THUNDER DAYS	107	135	167			191	
£12	NO OF SLEET DAYS		T	1				
E13	NO OF FOG DAYS							
E14	PREDOMINATE WIND DIRECTION						:34	
£15	MAX CROSSWINDS LESS THAN 10 MPH							
€15	MAX CROSSWINGS 10-19 MPH	24	131	162				
£17	MAX CROSSWINDS 20-29 MPH		133					
E18	MAX CROSSWINDS 30-39 MPH	105	130	163				
£19	MAX CROSSWINDS 40-49 MPH							_
E20	MEAN TEMP						155	
E21	MEAN MIN TEMP							
E22	MEAN MAX TEMP							
E23	DAYS MAX TEMP WAS ABOVE 30" "F"							
E24	DAYS MIN TEMP HAS BELOW 32" 15"							
E25	TOTAL OBSTRUCTIONS TO VISION							
E25	AVG DESTRUCTION TYPE							1
E27	AVG OBSTRUCTION SEVERITY							
					 -			
								1
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	i	1					1	_ [,

1	ABLE B-69 WUC 11A02 - WINDSHIELDS							
	SCATTERPLOT IDENTIFICATION ARRAY					Ì		
	(MAINTENANCE VS MRD'S)	<u> </u>	圣	RO3 EQUIP TOT REMOVALS PER ACFT	a	Ξ	SE	
		MAINT ACTION	<u>5</u>	101 ER	650 A	AIR	CANNS	
	₩.e	돌품	' ما	11P S P	3 8	9.1		
	X	¥ S	EGUIP ACFI	K E	출선	35	EQUIP	- {
	MAINTENANCE PARAMETERS	RUI MAINT ACTIO	RO2 PER	RO3 EQUIP TO REMOVALS PER	ROA FQUIP GROUND AUTHIS PER ACET	ROS EQUIP AIR ABORTS PER ACF	R06 P1 R	
401	AVG OR RATE				-			
402	AVG NORM RATE	 	47	120				
403	AVG NORS RATE							
404	TOTAL MAINT PERSONNEL AUTHORIZED		144					
405	TOTAL MAINT PERSONNEL ASSIGNED	22	138					
4C6	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED	109					-	
407 408	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED	1/07		178			-	
WC9		1/3	141		_			
410	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)			7 / 3	- i			
411	TOTAL MAINT PERSONNEL ASSISTED (AMS)	_) 		 			
412	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	 	-					
413	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	<u> </u>						
W14	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS)							
	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	-	1	_			<u> </u>	1
415	TOTAL MAINT MANHOURS EXPENDED PER ACET	115	/39	172				
417	AVG TURN AROUND TIME MAINT		1					
M18	ACFT FOO (ALL CAUSES)							
419	TOT GEN SUPPORT (01-09) WHRS PER ACET	114	142	174				
420	GEN SUPPORT OF MARS DER ACET		143					
M21	GEN SUPPORT 22 MARS PER ACET	_	136	33				!
422	GEN SUPPORT OF MHRS PER ACET	112	140	170	- 1		 	
423	GEN SUPPORT 04 MHRS PER ACET		<u> </u>	<u> </u>				
424	GEN SUPPORT 35 MHRS 2ER ACFT	 	 	 	 			
M25	GEN SUPPORT DE MHRS PER ACET	├	 	!	 -		186	
425 427	I GEN SUPPORT OF MHRS PER ACFT	! 		 -		-	/ 5 / 1	
72/	GEN SUFFURI OF TRNS FER AGE!	 	 	 	-		-	 -
		-	 			<u> </u>		
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T	ABLE B-70 WUC 11AO2 - WINDSHIELDS	s [-				1				
	SCATTERPLOT IDENTIFICATION ARRAY			~					·	
	(AIRCRAFT GENERAL VS MRD'S)	3	<u> </u>	ROZ EQUIP TOT MMIR PER ACFT	RO3 EQUIP TOF REMOVALS PER ACFT		_	¥5		
	~	. 5	DEMAND PER ACFT	101	105	RO4 EQUIP GROUND ABORIS PER ACFI	ROS EQUIP AIR ABORIS PER ACFI	ROG EIJUTP CANNS PER ACFT	ļ	
	\$	1 3		41P	ج ا	PEF	====	<u>-</u>	! {	1
		1	A S	E S	S EQ	EQ	5.5	35		
	AIRCRAFT GENERAL PARAMETERS	5	E W	RO2 PER	RO3 REM	R04	ROS ABO	RO6 PER		
301	YEARS SINCE AIRCRAFT WAS PRODUCED	\bot								
302	AIRCRAFT EMPTY WEIGHT									
503	MAX GROSS WT TAKE-OFF							-		
304	AIRCRAFT WING AREA	4								
305	AIRCRAFT ASPECT RATIO	4								
306	TOTAL FUEL CAPACITY	4-								
307	AVG AIRCRAFT WING LOAD									
308	YEARS SINCE ENGINE PRODUCTION					<u> </u>		 -		
309	ENGINES PER AIRCRAFT	+							_	
310	AIRCRAFT TOTAL ENGINE WT	+	17	148	120					
G11 G12	TOTAL THRUST PER ACET CLIMB RATE	+	//	178	130	1				
312	BENERATORS PER ACET	- ,	11	140		-		:		
314	MAINT MANHRS PER FLT HR	+	10	/ -						
315	YEARS SINCE FIRST FLIGHT	┿								
313	2862 3.866 - 1831 - 53681	+								
		+	_							
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		4			<u></u>		!		<u>!</u>	
	<u> </u>				i	<u> </u>		<u> </u>	<u> </u>	

	TABLE 8-71 WUC LIK - WINGS		 -						
	SCATTERPLOT IDENTIFICATION ARRAY	:	į		! ;		¦		1
	(EQUIPMENT VS MRD'S)	i	≝	j				1	i
	C301/E31 13 RO 3)	₹.	¥	Ξ	¦⊊_'	_			i
		ROT MAINT ACTION	i =	RO3 EQUIP 101 REMOVALS PER ACE	RO4 EQUIP GROUND ABORTS PER ACET	~ 3	ROG EQUIP CANUS	İ	
	S. a≥	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2 2	2 3	3 ₹	~ ~ ~	5	İ	,
	Ĩ	🖫	= =	= 2	글로	글Ξ	= -		i
		₹ :	KOZ ŁOWIP TOT PER ACET	ROJ EQUIP 101 REMOVALS PER	물의	ROS LQUIP AIR ABORIS PER ACE	25		
		= 5	દ ્રિ ≃	2	₹ 3	చ కై	806 11 ≅		1
	EQUIPMENT PARAMETERS	₹ 3	5 2 2	¥ ₹	2 2	₹ ₹	3 =		ĺ
₹01									
₹02		58		!				<u> </u>	
₹03	EGUIPMENT TOTAL REMOVALS PER ACET	739	224		· i				
₹С4	EQUIPMENT GROUND ABORTS PER ACET	<u> </u>	<u> </u>	<u> </u>				!	
₹05	EQUIPMENT AIR ABORTS PER ACET	<u> </u>		<u> </u>			<u>' </u>		
२06	EQUIPMENT CANNS PER ACET	<u> </u>	1	<u> </u>					
		!				_	: 		
FOL	23011 31 23011 211 311 401	!			!				
F02	PRIM MATERIAL - COMP TECH LEVEL EQUIPMENT WEIGHT	<u>-</u>	1		-		 		
F04		1 112 0	225	<u> </u>	<u> </u>				
=35	OPERATING TEMPERATURE	190	1 223	1433					
=26	SUPPORT EQUIPMENT COMPLEXITY			i	1		-	-	
=07		19	1226		277			1	
=08		† . , ,	1	1			·	i	
	INFLIGHT SOUANK VERIFICATION PATE		7	ı	1	i)	1	
F10	ON/OFF CYCLES PER SORTIE	1	1	Ť	1	<u> </u>	1		
=11	GROUND TO FLIGHT OPERATING RATIO		+-	T	i –		Ī	1	
F12 I	RELATIVE RELIABILITY OF EQUIP DRIVE FORCE		(1	1				
F13	REMOVALS TO ACCESS OTHER EQUIPMENT								
F 14	SEVERITY OF FOO	<u> </u>		<u> </u>	1		1!		!
F15	PRINCIPLE FAILURE CAUSE	<u> </u>		!	!	<u> </u>	<u> </u>		
F16	SOUIPMENT PROTECTION METHODOLOGY	<u> </u>	- 	<u>!</u>	!	<u> </u>	 		
=13	EDUIPMENT PRESSURIZATION LEVEL	1		1	1	-	1 :		
	RAIN REMOVAL TECH (WINDSHIELD) MOUNTING POSITION	+-	- 	}	1	-	! 	,+	
F20	POWER RATING (GENERATORS)	 	+	 	+			-	
	NO OF TIRE PLY'S (TIRES)	i -	 -	+	\vdash	:	-		—
F22 1	LANDINGS PER TIRE (TIRES)	\vdash	-	i -		1		-	
F23	AVG TIRE GOST (TIRES)		T	T	i				
=24			1	† -	:	ì			
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		1	1					i	

	TABLE B-70 AUG 11K - WINGS								
				٠,	₹ .	:		Ι,	}
	SCATTERPLOT IDENTIFICATION ARRAY		_	LOUIP 101 MMIKS ACE I	Ŧ	_		i i	
	(OPERATIONS VS MRD15)		3=	ŧ	Ī	1 = =	=	: ≥ ¦	į
	.5. 2.0 20 75 27		7	₫	5	3 4	¥ ₹	\$	
		~	_3	1	<u> </u>	2 3	~ ×		ļ
		HKD'S	5	ACE I	35			==	İ
		柔	3 \$		Ξ₹	125	35	7.5	ļ
	OPERATIONS PARAMETERS		HOT MAINT ACTION DEMAND PER ALFT	802 PER 2	ROT EQUIP TOT KEMOVALS PER ACT I	NOT EQUIP GROWING ABORES FOR ACT	RUS LOUIP AIR ABIRETS PER ACT	RUG EQUIP CANNS	
: <u>:01</u> :02	FEARS ACET HAVE BEEN ON BASE		201						
	AVG MISSION MIX							i i	<u> </u>
203	AVG TAKELOFF SPEED			1		<u>: </u>		: 2	
104	MEDIAN TAKE-OFF DISTANCE			ļ		<u> </u>	1	23%	
205	PERCENT OF MAX TAKE-OFF AT			1	·	<u> </u>	<u> </u>	<u> </u>	-
206	AVG CLIMB RATE		146	235		27%		1	<u> </u>
307	AVG CRUISE SPEED					1273		2901	
208	AVG TRUISE ALTITUDE		202			<u> </u>	1		
009	AVG DECENT RATE		199					1 1	
213	AVG LANDING SPEED		195	1231	265	277		! !	
11:	MINIMUM LANDING DISTANCE					!		1	
212	AVG LANDING AT			236				!	
013	TOTAL FLYING HOURS DER ACET		193	227	241			1	
714	TRAINING FLYING HOURS PER ACET					1		1	
315	OPERATIONS FLYING HOURS PER ACET				262	1		754	
_	TOTAL LANDINGS PER ACET					<u> </u>		1	
J17	TRAINING LANDINGS PER ACET							<u>: </u>	
718	OPERATIONS LANGINGS PER ACET				250			1225	
219	TOTAL SORTIES PER ACET			233	260			1 1	
320 321	TRAINING SORTIES PER ACET OPERATIONS SORTIES PER ACET		100	220		234		1 1	
022	LAVE POSSESSED ACET		197	230	263			1231	
1 323	MAXIMUM ACFT SPEED					2.7		!	
	MAXIMUM ACFT CEILING				-	275		122	
325	1 ACFT CREW SIZE		198	120		7.17		1	
325	AVG SORTIE LENGTH		1 7 5	4-7		290		 	
027	ACCIDENTS (MAJOR/MINOR) PER ACET					70	 	 	 i
228	INCIDENTS PER ACET						 	i 	
<u></u>	TOURS FLA RES						<u>, </u>	 	
 -	 						 -	 - 	
-						1	 	 	
	1					-		 	
	· · · · · · · · · · · · · · · · · · ·					 -	}	 	
<u> </u>	· · · · · · · · · · · · · · · · · · ·							+	 -
}							-	} +	
									

TABLE 3-12 - 400 L.K 40%D COATTERPLOT COENTIFICATION WAAR KOT MAINT ACTION
DIPMAND FER ACTI
NOT LYNDE TOT WHIN
PLE ACTI
NOT LYNDE TOT WHIN
ROS LYNDE GROUND
AUGHEST LYNDE ALE
ROS LYNDE ALE
ROS LYNDE ALE
ANDRES FER ACTI ENVIRONMENT TO MRC I ENVIRONMENTAL PARAMETERS PASE 201 TOE BASE 20 NAMP OF STREET S ত্ত YO DE DYCH DAYS
TOTAL SHOW FAL
MEAN DHOW DEPTH ' 55 NO IF PAIN DAYS דקדבן פאנץ בשנ. NO IF HAIL DAYS RELATIVE HUMIDITY NO OF THUNDER DAYS NO OF FOG CAYS
PRESCRINATE ALVO DIRECTION
MAX GROSSALIVOS LEGS THAN 10 MPH
MAX CROSSALIVOS LEGS THAN 10 MPH
MAX CROSSALIVOS 10-19 MPH | 260 | 239 | 237 | | 283 | 232 | 267 | MAX CROSSWINDS CO-29 MPH 518 MAX DROSSWINDS 30-09 MPH MEYN AIN LEMB MEYN LEMB MEYN LEMB 305 TAYS MAX TEMP HAS ABOVE BOT IF DAYS MAN EMP HAS BELOW 22 FT TOTAL DESTRUCTION TO VICTOR BAYG DESTRUCTION TEVERSTON LAYG DESTRUCTION DEVERTOR

*48L3 3+14								
COATTERPLOT COENTOFICATION ARRAY	!		=	į	í			
MAINTENANCE IS MED S	, , ,	AL HUN	TOT NAMER	101 1 K ACI I	GROUPED ACL I	AIK Act 1	CARINS	
	S. OM	ROT MAINT ACTION DEMANO PER ACET	ROZ EQUIP TOT I	ROT LOUIP TOT REMOVALS PER ACET	KO4 LOUIP GROUPED	RUS EQUIP AIR ABORTS PER ACE	ROD LUNIP CARRS	
MAINTENANCE PARAMETERS		¥		<u> </u>	× 4	<u> </u>	<u> </u>	
₹ 0 4/3 (3 /4 /4 ⁷⁷							<u> </u>	
MOD TO LUC ALIEM CATE								
4 03 1,3 3€95 74 ⁷ 5								
404 TOTAL MAINT PERSONNEL AUTHORICES				231	!		208	!
MOS TOTAL MAINT PERCONNEL ASSIGNED		· · · · · · ·					1	
MOG TOTAL 1 JE EL MAINT PERSONNEL ASSIGNED			صب	<u> </u>			2271	
MOT TITAL SIZE WATHT PERCONNEL ASSIGNED		::1	5	-7.			25%	
MOB TOTAL TUEVEL MAINT PERSONNEL ASSISHED		2.4		230				<u>i</u>
M09		2, 3	24-	177			350	
MID TOTAL MAINT REPSONNEL AUTHORIZED AMS							!	
MIL TOTAL MAINT REPSONNEL RESIGNES AMS								
	ĸç.							
MID FOTAL SILENEL MAINT PERSONNEL ASSIGNED A	MS						<u> </u>	
*14 TOTAL TIEVEL MAINT PERSONNEL ASSISHED A	MS							<u> </u>
	45						-	
ATH TOTAL MAINT MANHALING EXPENCED DER AGET		204	24%	2.75				1
MIT 143 TURN PROUND TOME MAINT								
₩13 40FT F00 (4EL 04USES)							1	
413 - TOT 3EW 31,0000T 31-30 WHRS SED 40TT	1	2.2	147	275				
471 (EN 1,00007 1) 4600 (ED 1057		<u> </u>	7.55	4.0				
AUT - JEM 175000 JE AMOU SES TOEL		20	ين م				. :	
455 3EN (Cooder 13 APBC SES 10EL		12.7	143	275				
שחו נפנ פקות או דקחנם ועד								
ACC REAL CONDUCTURE AFEC SEX FOLL		- کی ت						
ASE TEN SCHOOLS SU APRE SES TOES								
AS. RA CODOCUE CO AMMES SES TOLL							1	
					:			
				1				
							1	
							•	

TABLE 8-75 AUC 11K - WINGS SCATTERPLOT IDENTIFICATION ARRAY (AIRCRAFT SENERAL VS MRO'S) AIRCRAFT SENERAL PARAMETERS 301											
(AIRCRAFT GENERAL VS MRO'S) ***********************************		TABLE B-75 WUC 11K - WINGS	_			i				i	
SOL		SCATTERPLOT IDENTIFICATION ARRAY			¥	_					
SOL			AAINT ACTION	ID PER ACFI	QUIP TOT MM	QUIP TOT	QUIP GROUND S PER ACFI	QUIP AIR	QUIP CARNS		
302 ARCRAFT EMPTY REIGHT		AIRCRAFT GENERAL PARAMETERS	104	DEM	ROZ B	KO3 E REMOV	RO4 E	RUS E	RUG E		
302 ARCRAFT EMPTY REIGHT	301	FEARS SINCE AIRCRAFT WAS PRODUCED	+							 -	
103		AIRCRAFT EMPTY WEIGHT	12	,4	255						
305 AIRCRAFT ASPECT RATIO		MAX GROSS AT TAKE-OFF									$\neg \neg$
305 AIRCRAFT ASPECT RATIO	304	AIRCRAFT WING AREA	12	20	254						$\neg \neg$
306 TOTAL FUEL CAPACITY 307 AVG AIRCRAFT AING LOAD 308 TEARS SINCE ENGINE PRODUCTION 222 309 ENGINES PER AIGCRAFT 310 AIRCRAFT TOTAL ENGINE AIT 223 257 311 TOTAL THRUST PER ACFT 2/3 253 312 CLIMB RATE 2 313 GENERATORS PER ACFT 2/7 252 252 314 MAINT MARHES PER FLT HR 2/7 252 252 315 YEARS SINCE FIRST FLIGHT 3/0		AIRCRAFT ASPECT RATIO	1							i i	\neg
308	306		T				i				$\neg \neg$
308		AVG AIRCRAFT WING LOAD	Ť								
309 ENGINES PER AIRCRAFT 310 AIRCRAFT TOTAL ENGINE WT	308		12	22			i				
310 A;RCRAFT TOTAL ENGINE WT 223 257 311 TOTAL THRUST PER ACET 2/3 253 312 CLIMB RATE	309										
S11 TOTAL THRUST PER ACET			12:	23	257					Ţ	\Box
313 SENERATORS PER ICT C./7 EST 2372 314 MAINT MANHRS PER FLT HR	311	TOTAL THRUST PER ACET	12.	13	253						\neg
314 MAINT MANHRS PER FLITHR		CLIMB RATE									
315 YEARS SINCE FIRST FLIGHT	313	GENERATORS PER ACET	Īζ	4	252	232					
		MAINT MANHRS PER FLT HR					İ		310		
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	TABLE 8-76 WUG 128 - GOCKPIT FURNISHIN	1 <u>65 -</u>	SEATS					
	SCATTERPLOT IDENTIFICATION ARRAY	i						
	(EQUIPMENT VS MRD'S)		~					.
	(EQUIFICATION 13 NRD 3)	1 5 L	Ş	=	. ⊋	_		
		= 5	=	_ ×	35	≥ 5	Ę	
	ऽ . d ? स . d ? स	A A	2	무플	3 ₹	¥ ~	,₹	
	₹	MAINT ACTION	EQUIP TOT MMIR ACTT	= ~	≘ ₹	≟₹	=-	
		₹ ⊋	E E	SE	골	152	: <u>3</u> 9	
	EQUIPMENT PARAMETERS	ROI MAINT	752 FER	RO3 EQUIP TOT	RO4 EQUIP GROUND ABORTS PER ACET	ROS EQUIP AIR ABORTS PER ACET	ROG EQUIP CANNS PER ACLT	
		2 =	1 = =					
₹01	MAINT ACTION DEMAND PER ACET	1 2 . 4			1			
202	EQUIPMENT TOTAL MMHRS PER AGET	13/2						
304	SQUIPMENT TOTAL REMOVALS PER ACET	13/1	-					-
	EQUIPMENT GROUND ABORTS PER ACET	13/3			1			
RC5	EQUIPMENT AIR ABORTS PER ACET	13/5		ينخ آ				
305	EQUIPMENT DANNS PER ACET	1	<u> </u>	;		<u>. </u>		
F01	LOCATION OF EQUIPMENT ON ACET						'	
F02	PRIM MATERIAL - COMP TECH LEVEL	-					}	
F03	EQUIPMENT WEIGHT						!	
£04	EQUIPMENT VOLUME				1			1
F05	OPERATING TEMPERATURE		<u> </u>		:			
F06	SUPPORT SOUTHMENT COMPLECTY	13/6	i	1368			Ī	
FQ7	SUPPORT EQUIPMENT RELIABILITY	13/5		1200		!	-	1 1
528	דיישב קר בזוניקב שפתפנישק	1317		1367		1		
ႊဂ္ပစ္	INFLIGHT SQUAWK VERIFICATION PATE	1	1	1	i	1	i	<u> </u>
F10	ON/OFF CYCLES PER SORTIE	ł	1	Ī		1	1	1
F11	GROUND TO FLIGHT OPERATING RATIO	. 374	1343	آخات "	1	397	i .	
£12	RELATIVE RELIABILITY OF EQUIP ORIVE FORCE				1			i i
	REMOVALS TO ACCESS OTHER EQUIPMENT		1					
	SEVERITY OF FOO	<u>!</u>			<u>! </u>	 	<u> </u>	
	PRINCIPLE FAILURE CAUSE		!			<u> </u>	 	!
=16 =:-	EQUIPMENT PROTECTION METHODOLOGY	<u>'</u>				1	!	1
_ - -	FOULPMENT PRESSURIZATION LEVEL FAIN REMOVAL TECH (WINDSHIELD)	+-			 	!		
= : 3		+	 		 			
F20	MOUNTING POSITION POWER RATING (SENERATORS)	 	<u>: </u>			;		
	NO OF TIRE PLY'S (TIRES)		!				†	
	LANDINGS PER TIRE (TIRES)	Ť		. 	.		$\dot{\vdash}$	
	AVG TIRE COST (TIRES)	 	1	<u>. </u>			 	
	SECURING METHOD TECH	i	}	`		`	† 	
	1					; 	†	
		Ţ	1	-		i	T	
					ī	-	1	
		1	†				1	1

TABLE 8-77 AUG 128 - COCKPIT FURNISHINGS - SEATS

	(ABEE 5-77 AUG 125 - CUCAFII FUNNI								
	SCATTERPLOT IDENTIFICATION ARRAY (OPERATIONS VS MRD'S) SOME CONTROL OF STATEMENT	ROI MAINI ACTION DEMAND PER ACFT	RUZ EQUIP TOT MMIRS PER ACTT	ROJ EQUIP TOT REMOVALS PER ACET	HO4 EQUIP GROUND ABORIS PER ACET	RUS EQUIP AIR ABORIS PER ACFI	ROG LOUTP CANNS PER ACET		
			 		-				
201	YEARS ACFT HAVE BEEN ON BASE		}		 				
302	AVG MISSION MIX	 	 						
203	AYG TAKE-OFF SPEED		1257		 				
204	MEDIAN TAKE-OFF DISTANCE		!					!	
305	PERCENT OF MAX TAKE-OFF AT		!					1	
306	AVG CLIMB RATE	325	1	i	!				
307 i	AVG CRUISE SPEED		I	i .					
208	AVG CRUISE ALTITUDE				!				
309	AVG DECENT RATE	322	1349	373	1				
210	AVG LANDING SPSED			374					
311	MINIMUM LANDING DISTANCE								
212	AVG LANDING STS ANGE	 	 -		-				
	TOTAL FLYING HOURS PER 10FF	2/0	745	370					
		1 2 / 7	13-3						
314	TRAINING FLYING HOURS PER ACET	720	العدق ا	7 -9 /					
		1320							
215	TOTAL LANDINGS PER ACET		<u> </u>	1376					
317	TRAINING LANDINGS PER ACET		<u> </u>	1					
018	OPERATIONS LANDINGS PER ACET			369					
219	TOTAL SORTIES PER ACET	324	347	375	<u> </u>				
720	TRAINING SCRIISS PER ACFT			1					
J21	OPERATIONS SORTIES PER ACET	321	347	شروق	. !				
322	AVG POSSESSED ACFT	L	1	1					
023	MAXIMUM ACFT SPEED								
324	MAXIMUM ACFT CEILING								
325	ACFT GREW SIZE								
025	AVG SCRITE LENGTH			1					
027	ACCIDENTS (MAJOR/MINOR) PER ACET	1							
228	INCIDENTS PER ACFT		Ī			-			
	<u> </u>		1	T					
		i –	i	T		1		Γ	
-		;	†	 			 	 	
 								 	
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		 					 -	<u> </u>	
<u> </u>		1	<u> </u>	 				Ь—	

TABLE 8-78 WUC 128 - COCKPIT FURNISHINGS - SEATS

				1				,		
	SCATTERPLOT IDENTIFICATION ARRAY							,		
	SCATTERFEDT IDENTIFICATION ARRAT		}	~	_	!				1 }
	(ENVIRONMENT VS MRD'S)		₹-	ROZ EQUIP TOT MYLIR PER ACFT	RO3 EQUIP 10T REMOVALS PER ACFI	물~	-	S		
			13	=	- ¥	ᅙᇦ	2	CANNS		
		S	¥ }	=	7 3	تة <u>ك</u>	₹ ~	2		
		HKD.2	E E	<u>-</u>	S	으급	플로	=-		
		Ž	ROL MAINT ACTION DEMAND PER ACFT	35	3	RO4 EQUIP GROUND ABORTS PER ACET	RUS EQUIP AIR ABORTS PER ACET	ROG EQUIP		
			-₹	~ ∝	∞ ₹	→ ≅	25	32]	
	ENVIRONMENTAL PARAMETERS		35	87	물물	물품	3 2	37		
E01	BASE ALTITUDE		330			<u> </u>		<u></u>	 	
502	RUNWAY DIRECTION		329	355	380					
E03	DISTANCE TO MOUNTAINS									
EC4	OF SHOW DAYS						i			
EQ5	TOTAL SNOW FALL							Ī		
E06	MEAN SNOW DEPTH									$\overline{}$
507	YO OF PAIN DAYS			35%						
E08	TOTAL RAIN FALL									
E09	NO OF HAIL DAYS					1		!		
E10	RELATIVE HUMIDITY							<u> </u>		
E11	NO OF THUNDER DAYS					!		Ī		
£12	NO OF SLEET DAYS			357				1		
=:3	NO OF FOG DAYS							i		
E14	PREDOMINATE WIND DIRECTION								i	
£15	MAX CROSSWINDS LESS THAN 10 MPH									
€.6	MAX CROSSWINDS 10-13 MPH		327	35	378				•	
E17	MAX CROSSWINDS 20-29 MPH		328	352	374			!	1	
E18	MAX CROSSWINDS 30-39 MPH		326	322	377			1		
=19	MAX TROSSWINDS 40-49 MPH									
E20	MEAN TEMP									
£21	MEAN MIN TEMP					<u></u>		<u> </u>		
522	MEAN MAX TEMP									
	CAYS MAX TEMP WAS ABOVE 30" "F"									
E24	2013 13 13 13 13 13 13 13 13 13 13 13 13 1							<u> </u>		-
=2 5	TOTAL OBSTRUCTIONS TO VISION									
	AVG OBSTRUCTION TYPE									
E27	AVG OBSTRUCTION SEVERITY						!			
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	·	'	!				<u> </u>	<u></u>		

TARI F	8-79	WHO	128	_	COCKPIT	FURNISHINGS	-	SEATS

HED'S HE	ROG EQUIP CANNS
MO1 AVG OR PATE	
MOZ AVG NORM RATE	
MO3 AVG MORS RATE	-
MO4 TOTAL MAINT PERSONNEL AUTHORIZED	
MOS TOTAL MAINT PERSONNEL ASSIGNED MOS TOTAL 3 I F/FL MAINT PERSONNEL ASSIGNED 332 339	
TOO TOTAL S CLICE ATT TENSORITES	- - -
07 3776 3 200 200 200 200 200 200 200 200 200 2	
MOS	
M10 TOTAL MAINT PERSONNEL AUTHORIZED (AMS)	-
M11 TOTAL MAINT PERSONNEL ASSIGNED (AMS)	
M12 TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	
M13 TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	
M14 TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	
MIS TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	
MIS TOTAL MAINT MANHOURS EXPENDED PER ACFT 334 325	
M17 AVG TURN AROUND TIME MAINT	
M18 ACFT FOD (ALL CAUSES)	
M19 TOT GEN SUPPORT (01-09) MHRS PER ACET 337 317	
M20 SEM SUPPORT OF MARS SER ACET 333 338	
M21 GEN SUPPORT 02 MHRS PER ACFT 333 340 372	
M22 GEN SUPPORT 03 MHRS PER ACFT 335 362 373	
M23 GEN SUPPORT C4 MHRS PER ACFT	
M24 32N SUPPORT 35 MARS PER ACFT	
1 725 3EN 307-0R; 06 -ARS FER 4CF	 i
M25 GEN SUPPORT 07 MMRS PER ACFT M27 GEN SUPPORT 09 MMRS PER ACFT	
127 SEN SUPPORT OF HAND PER AUT	
 	
 	

TABLE 3-80 MUC 128 - COCKPIT FURNISHINGS - SEATS SCATTERPLOT IDENTIFICATION ARRAY ROI MAINT ACTION
LIEMAND PER ACFT
ROZ EQUIP TOT MAUR
PER ACFT
RO3 EQUIP TOT
REMOVALS PER ACFT MER RO4 EQUIP GROUND
ABORTS PER ACFI
RO5 EQUIP ATR
ABORTS PER ACFT
RU6 EQUIP CANNS
PER ACFT (AIRCRAFT GENERAL VS MRD'S) AIRCRAFT GENERAL PARAMETERS YEARS SINCE AIRCRAFT WAS PRODUCED AIRCRAFT EMPTY WEIGHT GOS | MAX GROSS WT TAKE-OFF 304 AIRCRAFT WING AREA 305 AIRCRAFT ASPECT RATIO TOTAL FUEL CAPACITY
AVG AIRCRAFT WING LOAD 306 307 308 YEARS SINCE ENGINE PRODUCTION 309 ENGINES DED ATREMAT AIRCRAFT TOTAL ENGINE WT 311 312 TOTAL THRUST PER ACET CLIMB RATE GENERATORS PER ACET 340 1 G14 MAINT MANHRS PER FLT HR G15 MEARS SINCE FIRST FLIGHT 363

TABLE 8-81 WUC 13A - MAIN LANDING GEAR SCATTERPLOT IDENTIFICATION ARRAY (EQUIPMENT VS MRD'S) RO1 MAINT ACTION
DEMAND PER ACFT
RO2 EQUIP TOT MMIR
PER ACFT
RO3 EQUIP TOT
REMOVALS PER ACFT
RO4 EQUIP GROUND
ABORTS PER ACFT
RO5 EQUIP AIR
ABORTS PER ACFT
RO5 EQUIP AIR
ABORTS PER ACFT
RO6 EQUIP CANNS
PER ACFT EQUIPMENT PARAMETERS ₹01 [MAINT ACTION DEMAND PER ACE 13921 EQUIPMENT TOTAL MMHRS PER ACFT EQUIPMENT TOTAL REMOVALS PER ACFT ₹02 1393 **R03** EQUIPMENT GROUND ABORTS PER ACET R04 EQUIPMENT AIR ABORTS PER ACET R05 | २06 EQUIPMENT CANNS PER ACET F01 LOCATION OF EQUIPMENT ON ACET PRIM MATERIAL - COMP TECH LEVEL EQUIPMENT WEIGHT F03 1398 | 438 | F94 EQUIPMENT VOLUME 1399 1437 1 F05 OPERATING TEMPERATURE F05 14001 SUPPORT EQUIPMENT COMPLEXITY 14757 F97 SUPPORT EQUIPMENT RELIABILITY TYPE OF FAILURE PROBLEMS F08 1395-1 <u>=ე9</u> INFLIGHT SCUAWK VERIFICATION PATE ON/OFF CYCLES PER SORTIE F10 F11 GROUND TO FLIGHT OPERATING RATIO RELATIVE RELIABILITY OF EQUIP ORIVE FORCE REMOVALS TO ACCESS THER EQUIPMENT F12 394 440 477 F]4 SEVERITY OF FOO F15 | PRINCIPLE FAILURE CAUSE F16 | EQUIPMENT PROTECTION METHODOLOGY 396 1474 F17 EQUIPMENT PRESSURIZATION LEVE F18 | RAIN REMOVAL TECH (WINDSHIELD) MOUNTING POSITION POWER RATING (SENERATORS)
NO OF TIRE PLY'S (TIRES)
LANDINGS PER TIRE (TIRES) FZO F21 F22 297 1439 AVG TIRE COST (TIRES) =23 F24 | SECURING METHOD TECH

TABLE 8-82 WUC 13A - MAIN LANDING GEAR

	TABLE B-82 WUC 13A - MAIN LANDING	GEAR						
	SCATTERPLOT IDENTIFICATION ARRAY (OPERATIONS VS MRD'S) OPERATIONS PARAMETERS	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOI MMIRS PER ACFI	RO3 LOUIP TOT REMINALS	RO4 EQUIP GROUND ABORTS PER ACET	ROS EQUIP AIR ABORTS PER ACIT	ROG EGUTP CANNS PER ACET	
201			111/7	 				 !
301	YEARS ACET HAVE BEEN ON BASE		446					
	AVG MISSION MIX	-	 					
003 004	AVG TAKE-OFF SPEED	 	445	 				
305	MEDIAN TAKE-GEF DISTANCE							
-	PERCENT OF MAX TAKE-OFF AT	1/25		475				
306		407						
307	AVG CRUISE SPEED		!	436				
208	AVG CRUISE ALTITUDE	406	<u> </u>					
209	AVG DECENT RATE			!				
310	AVG LANDING SPEED							
311	MINIMUM LANDING DISTANCE		<u>i — — </u>	482			!	
312		402		!				!
213	TOTAL FLYING HOURS PER ACET	403					!	
214	TRAINING FLYING HOURS PER ACET	404	447	473				
315	OPERATIONS FLYING HOURS PER ACET							
715		405		-79				i
317	TRAINING LANDINGS PER ACET			479				
J13 !	OPERATIONS LANDINGS PER ACET	458	-	}				
019	TOTAL SORTIES PER ACET		1	1484				
	TRAINING SORTIES PER ACFT			431	i			
321	OPERATIONS SORTIES PER ACET							
	AVG POSSESSED ACFT		L	410				
323	MAXIMUM ACET SPEED		<u> </u>					
324	MAXIMUM ACET CEILING							
325	ACFT CREW SIZE		441		i			7
725	AVG SORTIE LENGTH		443					
227	ACCIDENTS (MAJOR/MINOR) PER ACET				!			
)28 I	INCIDENTS PER ACFT				1			
					1			
			<u> </u>					-;
		1						

	SCATTERPLOT IDENTIFICATION ARRAY (ENVIRONMENT VS MRD'S)		DEMAND PER ACFT	ROZ EQUIP TOT MMIR		RO4 EQUIP GROUND ABORTS PER ACFT	ROS EQUIP AIR ABORIS PER ACFI	RUG LUUTP CARNS PER ACFT	
E01	BASE AUTITUDE								
502	RUNWAY DIRECTION	14	/3		487				
503	DISTANCE TO MOUNTAINS	14	12						
€04	NO OF SNOW DAYS								
E05	TOTAL SNOW FALL								
E06	MEAN SNOW DEPTH								
507	NO OF RAIN CAYS								
508	TOTAL RAIN FALL								
£09 <u> </u>	OF HAIL DAYS								
£10	RELATIVE MUMIDITY								
EII	NO OF THUNDER DAYS	14	10	448					
£12	NO OF SLEET DAYS			444					
£13	NO OF FOG DAYS								
514	PREDOMINATE WIND DIRECTION						1		
\$15 \$15	MAX CROSSWINDS LESS THAN 10 MPH								
	MAX CROSSWINDS 10-19 MPH	4	//						
E17	MAX CROSSWINDS 20-29 MPH	Ī							

409 450

414 451

TABLE 8-83 WUC 13A - MAIN LANDING GEAR

E18 | MAX CROSSWINDS 30-39 MPH

E22 MEAN MAX TEMP
E22 MEAN MAX TEMP
E23 DAYS MAX TEMP WAS 180VE 30 "E"
E24 DAYS MIN TEMP WAS 3E10W 32" "E"

F25 | TOTAL OBSTRUCTIONS TO VISION F26 | AVG OBSTRUCTION TYPE F27 | AVG OBSTRUCTION SEVERITY

TABLE 3-84 MUC 13A - MAIN LANDING	3EAR							
SCATTERPLOT IDENTIFICATION ARRAY (MAINTENANCE VS MRD'S) MAINTENANCE PARAMETERS	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIR PER ACET	ROS LQUIP TOT REMOVALS PER ACET	KU4 EQUIP GROUND ANDRIS PER ACET	KUS EQUIP AIR ABORIS PER ACEI	KOS EQUIP CANNS PER ACEI		
MO1 AVG OR PATE								
MO2 AVG NORM PATE	14:2	450						
MC3 AVG VORS RATE	1	-50						
MO4 TOTAL MAINT PERSONNEL AUTHORIZED		!						
MOS I TOTAL MAINT PERSONNEL ASSIGNED								
MO6 TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED	475							
MOT TOTAL 5 LEVEL MAINT PERSONNEL ASSISTED	12.2	1						
MOB TOTAL T LEVEL MAINT PERSONNEL ASSIGNED			i					
MO9 TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED	14,74							
MIO : TOTAL MAINT PERSONNEL AUTHORIZED (AMS)								<u> </u>
MIL TOTAL MAINT PERSONNEL ASSIGNED (AMS)	1		1			<u> </u>		
MIZ TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED AMS		1						1
MIS TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED AMS	1	1		1		1		!
MI4 ! TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED JAMS!	1	<u> </u>				!	1	
MIS I TOTAL O LEVEL MAINT PERSONNEL ASSIGNED AMS	<u> </u>	<u> </u>			!	<u> </u>	<u> </u>	<u>: </u>
MIS ! TOTAL MAINT MANHOURS EXPENDED PER ACET	- - ا				·	!	<u> </u>	<u> </u>
M17 AVG TURN AROUND TIME MAINT	<u> </u>	1458						<u> </u>
M18 ACFT FOD (ALL CAUSES)	<u> </u>		1-53		<u> </u>	!	<u> </u>	
MIG TOT GEN SUPPORT (01-09) MHRS PER ACET	1- 7	1			<u>. </u>	<u>. </u>	L	<u> </u>
MED SEN SUPPORT OF MARS PER ACET	1422		├		├──	: -		├
M21 GEN SUPPORT 32 MHRS PER ACET		1-5-			<u> </u>	:		-
M22 GEN SUPPORT D3 MHRS PER ACFT	17/5	1-3	490	`		 	├	
M23 3EN SUPPORT 04 MHRS 2ER 40FT M24 3EN SUPPORT 05 MHRS 2ER 40FT M25	 -			├		-	 	
	1-10	125				1	 	i -
M25	 	 		-		 		 -
M27 GEN SUPPORT 39 MHRS PER ACET	1421	1-5-		ī	T	<u> </u>		;
Fig. 1	† ~ .	1				 	 	ì
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TABLE 8-85 WUC 13A - MAIN LANDING GEAR

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	SCATTERPLOT IDENTIFICATION ARRAY		∝						1
		z.	E	Ξ	ا دا		. }		Ì
	(AIRCRAFT GENERAL VS MRD'S)	ACTION R ACFT	Ξ.	ا کو	SH	<u>با</u> بـ	ξ	1 1	j
	va.	۶۷	101	23	34	A A	3		İ
	X €0'S	-3	٦	ૂં Ξ	2 8	2 ≃	<u> </u>		1
	ž		ΞΞ	ΞŞ	三二	3 .4	夏二	1	ĺ
		RUI MAINT ACTIO	ROZ EQUIP TOT AMIR PER ACFT	RO3 EQUIP 101 REMOVALS PER ACFI	RO4 FOUTP GROUND ABORTS PER ACET	ROS EQUIP AIR ABORTS PER ACFT	RUG EQUIP CANNS PER ACFI	l i	İ
	11000167 CCUCSAL CARAMETERS	33	23	SE	90	S 03	83	1 1	1
	AIRCRAFT GENERAL PARAMETERS	*=	~ -	* *	2 4	* <	~ ~		
301	YEARS SINCE AIRCRAFT HAS PRODUCED	431							
302	AIRCRAFT EMPTY WEIGHT		464						
303	MAX GROSS AT TAKE-OFF	L	463						
304	AIRCRAFT WING AREA		462						
G05 I	AIRCRAFT ASPECT RATIO	433	472					1	
306	TOTAL FUEL CAPACITY	43%	466						
307	AVG AIRCRAFT WING LOAD	427							
308	YEARS SINCE ENGINE PRODUCTION	430	468						
309	ENGINES PER AIRCRAFT	كك	467						
310	AIRCRAFT TOTAL ENGINE WT		14/25						
311	TOTAL THRUST PER ACET	428	469		,		j		
312	ILIMB RATE			490					
513	GENERATORS PER ACET	426	461						
314	MAINT MANHRS PER FLT HR			I					
315	PEARS SINCE FIRST FLIGHT	434	470						
}		1							
			1				<u> </u>		
			<u>i</u>						
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	SCATTERPLOT IDENTIFICATION ARRAY		İ							
	(EQUIPMENT VS MRD'S)	C ONL	RUI MAINI ACIION DEMAND PER ACFT	ROZ LQUIP TOT MMIR PER ACFT	RO3 EQUIP TOT REMOVALS PER ACET	RO4 EQUIP GROUND ABORTS PER ACFT	ROS EQUIP AIR ABORTS PER ACET	COULP CANUS		
	EQUIPMENT PARAMETERS	2	물물	R02 P1 R	8 5	§ ₹	₹ 2 2 3	R06		
₹01_	MAINT ACTION DEMAND PER ACET									
₹02	EQUIPMENT TOTAL MMHRS PER ACET		91			<u> </u>		1		
₹03	EQUIPMENT TOTAL REMOVALS PER ACET	4	92 1	<u> </u>						
₹04	EQUIPMENT GROUND ABORTS PER ACET	\perp								<u> </u>
₹05	EQUIPMENT AIR ABORTS PER ACET	1	<u> </u>				!	<u> </u>		
₹06	EQUIPMENT CANNS PER ACET			556			1	<u> </u>		
- 1							<u> </u>	<u>!</u>	ļ	
E01		1					!			<u> </u>
F02	PRIM MATERIAL - COMP TECH LEVEL	1			525			1		<u> </u>
F03		4			-	5-49				<u> </u>
F04	EQUIPMENT VOLUME	1				<u>رتنا</u>		اجبى ا	<u></u>	1
=05 i	OPERATING TEMPERATURE	<u>.</u>				1	<u> </u>	<u> </u>		1
F06 1	30. 30. 2001. 0.1. 30.7 22.7.	<u> </u>				<u> </u>		1		<u> </u>
=07 l	301. 38.: 2301. 2.11 1221.70121	<u> </u>		<u></u>	<u>'</u>	!	<u> </u>		<u> </u>	<u> </u>
	TABE OF ETITORE SHORTENS	1		570		<u> </u>	<u>!</u>	<u> </u>		-
	INFLIGHT SQUAWK VERIFICATION RATE	<u> </u>	-13	<u> </u>	<u> </u>	!	<u> </u>	<u> </u>	+	<u> </u>
F10	ON/OFF CYCLES PER SORTIE				<u> </u>	<u> </u>		!	<u> </u>	!
FII	GROUND TO FLIGHT OPERATING RATIO	1		500	1529	5	<u> </u>	1	<u> </u>	<u> </u>
=12	RELATIVE RELIABILITY OF EQUIP DRIVE FORCE	\perp			!	7.75		!		1
F13	REMOVALS TO ACCESS OTHER EQUIPMENT	+		১০৪		548		570	┼	-
	SEVERITY OF FOD	+			1	 	 	!		
F15	PRINCIPLE FAILURE CAUSE	+			1	 	!	!	-	!
=1.7	EQUIPMENT PROTECTION METHODOLOGY EQUIPMENT PRESSURIZATION LEVEL	+			1		├	1	┼─	!
F18	RAIN REMOVAL TECH (WINDSHIELD)	+			i			i	 -	-
	MOUNTING POSITION	╅		<u>!</u>		 	 	:	-	-
F20 1	POWER RATING (GENERATORS)	+		 	i	 	;	1		i -
	NO OF TIRE PLY'S (TIRES)	+		i	 	+		+		
F22	LANDINGS PER TIPE (TIRES)	+			+		:	i 		-
=23	AVG TIRE COST (TIRES)	+		 	$\overline{}$		$\overline{}$	1		
=24	SECURING METHOD TECH	+		<u> </u>	†			 	+	1
-		+			i				† 	Ī
		+		i	ì	Ī	\vdash	1	ī	ī

	TABLE 8-87 WUC 13D - BRAKES				II S			i	- -
	SCATTERPLOT IDENTIFICATION ARRAY			₹ S	Š				
	(OPERATIONS VS MRD'S)		ACTION ACFT	EQUIP TOT MMIRS ACFT	EQUIP TOT REMOVALS ACFT	GROUND ACE I	AIR ACF1	CANNS	
		MRD'S	ROI MAINT ACTION DEMAND PER ACFI			RO4 EQUIP GROUND ABORIS PER ACEI	ROS EQUIP AIR ABORTS PER ACF	EQUIP ACF1	
	OPERATIONS PARAMETERS		ROI	R02 PER	S Z	ABO ABO	ROS ABO	85 E E E	
301	YEARS ACFT HAVE BEEN ON BASE								
302	AVG MISSION MIX		498		<u>37</u>			3 79	
203	AVG TAKE-OFF SPEED		44	514					
004	MEDIAN TAKE-OFF DISTANCE					57			
305	PERCENT OF MAX TAKE-OFF WT			570		37		المرسى	
206	AVG CLIMB RATE					الات			
207	AVG CRUISE SPEED		496	513	535				
208	AVG CRUISE ALTITUDE								
009	AVG DECENT RATE								
310	AVG LANDING SPEED					J23		577	
211	MINIMUM LANDING DISTANCE			514	534				
312	AVG LANDING WT			1		ر تور			-
713	FOTAL FLYING HOURS PER ACET				 				
214	TRAINING FLYING HOURS DER ACET		495-	579	533			3-0	
315	OPERATIONS FLYING HOURS PER ACFT								
216	TOTAL LANDINGS PER ACET				538	i		ا سيست	
317	TRAINING LANDINGS PER ACET		444		536			ا پیشن	
018	OPERATIONS LANDINGS PER ACET			-	1			~	
019	TOTAL SORTIES PER ACET			_				-	
222	TRAINING SORTIES PER ACET		497	5/5	530			5-72	
321	OPERATIONS SCRIIES PER ACFT		***					<u> </u>	
322	AVG POSSESSED ACFT			5/8	1	552		اوسى	
023	MAXIMUM ACET SPEED			5//	532				
324	MAXIMUM ACET CEILING		SOC		531			-	
025	ACFT CREW SIZE								
J25	AVG SORTIE LENGTH				539				
_327	ACCIDENTS (MAUGR/MINOR) PER ACET								
028	INCIDENTS PER ACET								
									
	<u> </u>								
	 							-	
	 				 	_			
	 								
	<u>. </u>							-	
									 i
	<u></u>				<u> </u>				

TABLE 3-38 AUC 13D - BRAKES SCATTERPLOT IDENTIFICATION ARRAY KOI MAINI ACTION
DEMAND PER ACFT
ROZ EQUIP TOT MMIR
PLR ACFT
RO3 EQUIP TOT
REMOVALS PER ACFT
RO4 EQUIP GRUUND
ABORTS PER ACFT
RO5 EQUIP ATR
ABORTS PER ACFT
RO6 EQUIP CANNS
PER ACFT Ĭ (ENVIRONMENT /S MRDIS) ENVIRONMENTAL PARAMETERS E21 E22 BASE ALTITICE RUNWAY DIRECTION 15401 DISTANCE TO MOUNTAINS NO OF SHOW DAYS TOTAL SHOW FALL MEAN SNOW DEPTH YO OF RAIN DAYS E08 E09 E10 I TOTAL RAIN FALL 2 NO OF HAIL DAYS RELATIVE HUMIDITY NO OF THUNDER DAYS 10 OF SLEET DAYS I NO OF FOG DAYS PREDOMINATE WIND DIRECTION का ज्याज्या MAX DROSSWINDS LESS THAN 10 MPH MAX DROSSWINDS 10-19 MPH ומד שווצו MAX IROSSWINDS 20-29 MPH E17 MAX CROSSWINDS 30-39 MPH MAX 18055W[405 40-49 MPH MELN TEMP I METH MIN TEMP E22 I WEAR WAX TEMP CAYS MAX TEMP HAS JBOVE 30" FT DAYS MIN TEMP WAS BELOW 32" 'E" TOTAL OBSTRUCTIONS TO VISION
AVG OBSTRUCTION TYPE
AVG OBSTRUCTION SEVERITY £25 الدبسى

	TABLE B-89 WUC 13D - BRAKES		1 1					
	SCATTERPLOT IDENTIFICATION ARRAY		}					
		3	AM.	=	a.			
	(MAINTENANCE VS MRD'S)	ROI MAINT ACTION DEMAND PER ACFI		RO3 EQUIP TOT REMOVALS PER ACFT	ROY LOUIP GROUND AIDHIS PER ACLI	¥ 2	LQUIP CANNS	
	vi.	\ <u>₹</u>	101	25	2 3	A A	5	
	Æ 0'\$	NE S	LOUIP ACF I	E S	===	= a	夏二	
	-		A E	RO3 EQUIP TOT REMOVALS PER	ROY LOUIP GROUN	RGS EQUIP AIR ABORTS PER ACE	7 2	1
	MAINTENANCE PARAMETERS	55 103 103 103 103 103 103 103 103 103 103	F. R. C. S. R. P. F. R. P. F. R. P. F. R. P. P. P. P. P. P. P. P. P. P. P. P. P.	2 3	Ş ₹	3 5	RUE RIE	
401	AVG OR RATE		525	545	537			
	AVG NORM RATE	1504		544	5.6			
	AVS NORS RATE	<u> </u>	 					
	TOTAL MAINT PERSONNEL AUTHORIZED	<u> </u>	1 1				587	
	TOTAL MAINT PERSONNEL ASSIGNED	<u> </u>	1!					
	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED	<u> </u>	1 1		 ;		5261	
	TOTAL & LEVEL MAINT PERSONNEL ASSIGNED	<u> </u>					585	
	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED		! !				1550	
	3 - 6 - 72 - 73 - 73 - 73 - 73 - 73 - 73 - 73		!				34	
	TOTAL MAINT PERSONNEL AUTHORIZED AMS)		! 					
	TOTAL MAINT PERSONNEL ASSIGNED (AMS)							
	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS)		+ +					
413	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS)							
	TOTAL T LEVEL MAINT PERSONNEL ASSIGNED (AMS)							
	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	!						
		 -	} - 					-
	AVG TURN ARCUND TIME MAINT	 	1				ارتين	
	ACFT FOD (ALL CAUSES)	 	524		,=/.7			
	TOT GEN SUPPORT (01-09) MHRS PER ACET	!	<u> </u>		5767 578			
	SEN SUPPORT 32 MARS PER ACET	 	i i		- 6 6			
	GEN SUPPORT OF MHRS PER ACET						- i	
	GEN SUPPORT OF THE SER FOR THE	 	 				582	
	SEN SUPPORT OF MARS PER ACET	1	 					
	GEN SUPPORT DE MHRS PER ACET		1					
	SEN SUPPORT D7 MHRS PER ACET	523	52					
	SEN SUPPORT DE MHRS PER ACET							
								1
			i i					1 .
1			1 1					
			1 1		1			
		<u> </u>	1 1			<u>. </u>		
		L	1 :			· ·		
<u></u>		<u> </u>	<u> </u>		!		<u> </u>	

TABLE 8-90 WUC 130 - BRAKES SCATTERPLOT IDENTIFICATION ARRAY HOT MAINT ACTION
DEPAND PER ACFI
ROZ EQUIP TOT MYUR
PER ACFI
ROJ EQUIP TOT
REMOYALS PER ACFI
ROJ EQUIP GROUND
ABORTS PER ACFI
ROS EQUIP AIR
ABORTS PER ACFI
ROS EQUIP CANNS
PER ACFI (AIRCRAFT GENERAL /S MRD'S) AIRCRAFT GENERAL PARAMETERS YEARS SINCE AIRCRAFT WAS PRODUCED AIRCRAFT EMPTY MEIGHT MAX GROSS WIT TAKE-DEF AIRCRAFT WING AREA AIRCRAFT ASPECT RATIO 305 577 TOTAL FUEL CAPACITY
AVG ALROPATT WING LOAD
YEARS SINCE ENGINE PRODUCTION 307 FEARS SINCE ENGINE PRODUCE
ENGINES PER AIRCRAFT
AIRCRAFT TOTAL ENGINE WT
TOTAL THRUST PER ACFT
CLIMB RATE
GENERATORS PER ACFT
MAINT MANHRS PER FLT HR
YEARS SINCE EIGHT 1-76 1547 YEARS SINCE FIRST FLIGHT

TABLE 3-91 WUC 14C - STABILATOR						,	,	
SCATTERPLOT IDENTIFICATION ARRAY			ĺ	1			1 1	
(EQUIPMENT VS MRD'S)	1	1-	İ			}		
(Edotement 12 mkm.2)	₹.	TOT MMIR	=	c		!		
	ROI MAINT ACTION	E	_ ¥	E E	~=	€		Ì
	AC A	2	2 %	S &	¥¥	₹	li	1
S.OX	2 5	12_	RO3 EQUIP TOF	르	RUS EQUIP AIR ABORTS PER ACE	EQUIP CANNS ACFT		
_	 ≤ ≘	FQUIP ACF T	공론	3.2	₹~	AC E	[[-
	- \$	ROZ F	₩ <u>Ş</u>	A 55	3.5	92) i	ļ
EQUIPMENT PARAMETERS	8.2	RO2 PER	2 =	ROA EQUIP GROUND ABORTS PER ACFT	S S	R06 PLR		į
ROL MAINT ACTION DEMAND PER ACET	1	1		i		 		
ROZ EQUIPMENT TOTAL MMHRS PER ACFT	577			i				
RO3 EQUIPMENT TOTAL REMOVALS PER ACET	579	16,4		1				
	l _						1	
3 3 3 5		1				1		
206 EQUIPMENT CANNS PER ACET		تحارفها	1,22			1		
FOI LOCATION OF EQUIPMENT ON ACET			<u> </u>				1 1	
FOZ PRIM MATERIAL - COMP TECH LEVEL	<u> </u>	613					1	
FO3 EQUIPMENT WEIGHT	590	16/7	624	!		<u> </u>	<u></u>	
F04 EQUIPMENT VOLUME	1	 				1		
FOS OPERATING TEMPERATURE			<u> </u>				<u> </u>	!
FO6 SUPPORT EQUIPMENT COMPLEXITY	291					<u> </u>	<u> </u>	
FO7 SUPPORT EQUIPMENT RELIABILITY	<u> </u>		<u> </u>					
FOR TYPE OF FAILURE DOUBLEMS		<u> </u>	<u> </u>				! !	
THE TANK TO THE TOTAL TO		ـــ	<u> </u>					
	<u> </u>	<u> </u>	<u> </u>					
					<u></u>			
F12 RELATIVE RELIABILITY OF EQUIP ORIVE FORCE	<u> </u>			<u> </u>		1		!
F13 REMOVALS TO ACCESS OTHER EQUIPMENT			1	 -		-		
F15 PRINCIPLE FAILURE CAUSE	-	1616						
F16 EQUIPMENT PROTECTION WETHODOLOGY	 	10/6	 	-				
FIT EQUIPMENT PRESSURITATION (FIF)		 	!	 		}	 	
F13 RAIN REMOVAL TECH (WINDSHIELD)	-			 		 -	i	
FIG MOUNTING POSITION	 	i -				1	- 	
F20 POWER RATING (GENERATORS)		1	i i		1			
F21 NO OF TIRE PLY'S (TIRES)		1	i	1				
F22 LANDINGS PER TIRE (TIRES)		T	-				i	
F23 AVG TIRE COST (TIRES)		1		i				
F24 SECURING METHOD TECH	1	i	-		<u> </u>		-	
				1				
							i	
				·				

	TABLE B-92 WUC 14C - STABILATO	R							 -	
	SCATTERPLOT IDENTIFICATION ARRAY (OPERATIONS VS MRD'S)	MRD'S	ROL MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIRS PER ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABURTS PER ACET	ROS EQUIP AIR ABORTS PER ACFT	HOB EQUIP CANNS PER ACFI		
	OPERATIONS PARAMETERS		~ ~	2 2	≈ •	¥	~ <	* -	i i	
201	YEARS ACET HAVE BEEN ON BASE								<u> </u> !	
002	AVG MISSION MIX								!	
203	AVG TAKE-OFF SPEED		<u> </u>							
204	MEDIAN TAKE-OFF DISTANCE		<u> </u>							
≎05 [PERCENT OF MAX TAKE-OFF WT									
306	AVG CLIMB RATE		597							
207	AVG CRUISE SPEED		<u> </u>	<u> </u>						
308	AVG CRUISE ALTITUDE									
309				620	<u>ئارُدُ ا</u>					
210	776 C/110 1/10 5/ CC5		465	-						
011	MINIMUM LANDING DISTANCE		<u> </u>	<u> </u>						
012	AVG LANDING WT		<u> </u>	<u></u>						
	TOTAL FLYING HOURS PER ACET		265	622						
2:4	RAINING FLYING HOURS SER ACET		<u> </u>							
	OPERATIONS FLYING HOURS PER ACET		594	150		1 1			<u> </u>	
	TOTAL LANDINGS PER ACET									
317	TRAINING LANDINGS PER ACFT		<u> </u>			<u> </u>				
1 218	OPERATIONS LANDINGS PER ACET		592	119	ححد ا			1	1	<u> </u>
219	TOTAL SORTIES PER ACET									
020	TRAINING SORTIES PER ACET									
321	OPERATIONS SORTIES PER ACFT		255	<u> </u>				!	<u></u>	<u></u>
322	AVG POSSESSED ACFT									<u> </u>
	MAXIMUM ACFT SPEED									
724	MAXIMUM ACFT CEILING		!	<u> </u>	1			į	<u> </u>	<u> </u>
025	ACFT CREW SIZE			<u> </u>	<u> </u>				ļ	
025	AVG SORTIE LENGTH		<u> </u>	!	-			!	ļ	<u> </u>
327	ACCIDENTS (MAJOR/MINOR) PER ACET		<u> </u>	1	<u> </u>				<u> </u>	<u> </u>
029	INCIDENTS PER ACET					<u> </u>		<u> </u>		<u> </u>
				<u></u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>		<u> </u>	<u> </u>						
			1	1			1		<u> </u>	
	1								!	i
					<u> </u>				<u> </u>	<u> </u>
				<u> </u>		i .				<u> </u>
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	TABLE 8-93 WUC 14C - STABILATOR	_								 ,
	SCATTERPLOT IDENTIFICATION ARRAY			Œ	_					
	(ENVIRONMENT VS MRD'S)		ROI MAINT ACTION DEMAND PER ACFT	EQUIP TOT MAHR ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACFT	ROS EQUIP AIR ABORTS PER ACFT	ROG EQUIP CANNS PER ACFI		
			RO1 HAL	ROZ EQUI	RO3 EQU REMOVAL	RO4 FOR	ROS EQU ABORTS	ROG EQU		
	ENVIRONMENTAL PARAMETERS	4			1	1				
E01	BASE ALTITUDE	+	/ 62	42%	639					
E02 E03	PUNAMY DIRECTION DISTANCE TO MOUNTAINS	4	<u> 103</u>	-	 			 		
E04	NO OF SNOW DAYS	╁		 		 		, 		
£05	TOTAL SNOW FALL	+		 	 	 		646	-	i
506	MEAN SNOW DEPTH	+		_		 				
E07	NO OF RAIN DAYS	+				 				
508	TOTAL RAIN FALL	T		1		1				 i
E09	NO OF HAIL DAYS	1								
E10	RELATIVE HUMIDITY	Ī								
£11	NO OF THUNDER DAYS	1.	602			Ī				
=:2	NO OF SLEET DAYS	T				[
£13	NO OF FOG DAYS	\perp								
E14	PREDOMINATE WIND DIRECTION			!	<u> </u>	<u> </u>		1645		
£15	MAX CROSSWINDS LESS THAN 10 MPH	l			<u></u>	<u> </u>				
5:5	MAX CROSSWINGS 10-19 MPH	1	<u> 500</u>	624	637					
E17	MAX CROSSWINDS 20-29 MPM				637			648		
E18	MAX CROSSWINDS 30-39 MPH	4	599	625						
£19 £20	MAX CROSSWINDS 10-19 MPH	÷			ļ	!		<u> </u>	أحسا	
E20	MEAN TEMP MEAN MIN TEMP	+		-	640	 		;		
£22	MEAN MAX TEMP	+		<u> </u>	1070	 	 	 		
E23	DAYS MAX TEMP WAS ABOVE BO "F"	+		 	 	 			-	
£24	DAYS MIN TEMP WAS BELOW 32" "F"	+		 	 	-	 	1.07		
=25	TOTAL OBSTRUCTIONS TO VISION	+		-	1	Γ	1			
E25	AVG OBSTRUCTION TYPE	+					i	1		
£27	AVG OBSTRUCTION SEVERITY	T								
							1			
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		J					<u> </u>			
		Ī				Ī				
		I						<u> </u>		
	<u> </u>	4		!	<u> </u>	!				
	<u> </u>	1			<u> </u>	 	!	1	\sqcup	
		_		<u> </u>	<u> </u>	!	1	<u> </u>		

	TABLE B-94 WUC 14C - STABILATOR			1				
	SCATTERPLOT IDENTIFICATION ARRAY		¥	_				
	(MAINTENANCE VS MRD'S)	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIR	RO3 EQUIP TOT REMOVALS PER ACF	RO4 EQUIP GROUND AMORIS PER ACET	EQUIP AIR IS PER ACFT	P CANNS	
	S. CO.	RUI MAINT /	2 FOUL	RO3 EQUIP TOT REMOVALS PER	4 EQUI	ROS EQUIP AIR ABORTS PER ACF	6 EQUIP R ACET	
	MAINTENANCE PARAMETERS	2 2	喜宝	33	RC AB	2 Z	R06 P1 R	
401	AVG OR RATE		İ		j			
402	AVG NORM RATE							
403	AVG NORS RATE							
404	TOTAL MAINT PERSONNEL AUTHORIZED							
405	TOTAL MAINT PERSONNEL ASSIGNED	Ī						1
406	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED	605	227	641				
407	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED			1643				
408 i	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED		1					
409	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED	259						
410 I	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)	7-	 					
411	TOTAL MAINT PERSONNEL ASSIGNED (AMS)			 				
412	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	 		<u> </u>	-			
M13	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS)						 j	
414	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS)		 	<u>'</u>				
415	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS)		 	 				
415 I		1607	<u>' </u>					
41.7	AVG TURN AROUND TIME MAINT	100	1					
415 I			-	!				
		1	<u> </u>	-				
<u>419</u>	TOT GEN SUPPORT (01-09) MHRS PER ACET	612	 	<u> </u>				
420 421	GEN SUPPORT OF MHRS PER ACET GEN SUPPORT OF MHRS PER ACET	606	-	642				
422	GEN SUPPORT OF THIS PER ACET	603	 	بدر ق				
423	GEN SUPPORT 04 MHRS PER ACET	335	_					
424	GEN SUPPORT 35 MHRS PER ACET		628	<u> </u>				
425	GEN SUPPORT OF MHRS PER ACET	6/1	7.5					
¥25	GEN SUPPORT OF MHRS PER ACET	-	629	 			وبر	
427	GEN SUPPORT OF MARS PER ACET	i		i			-	 -
	2211 20 311 22 1110 En COL	 	i – –	 	-			
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TABLE 8-95 WUC 14C -	STABILATOR								
SCATTERPLOT IDENTIFICAT	ION ARRAY		<u>_</u>						
(AIRCRAFT GENERAL VS	MRD'S)	NO IT	¥ E	ACFI	OUND	1.43	SAN		
	HRD'S	NT AC	01 d1	1P TO RR	IP GR	P AII	IP CA		
	I	BOT MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT PER ACFT	RO3 EQUIP TOT RENOVALS PER ACFT	RO4 EQUIP GROUND AUDRIS PLR ACFT	RUS EQUIP AIN ABORTS PER ACFT	ROG EQUIP CANNS PER ACFI		
AIRCRAFT GENERAL PARAMETS		52	8 g	용포	3 5	A C	₹.		
GO1 YEARS SINCE AIRCRAFT WAS PRODUC	ED								
GO2 AIRCRAFT EMPTY WEIGHT									
303 MAX GROSS WT TAKE-OFF		<u> </u>							
304 AIRCRAFT AING AREA		ļ	_						
305 AIRCRAFT ASPECT RATIO		<u> </u>					7ك		
306 TOTAL FUEL CAPACITY		<u> </u>	। - च	127					
307 AVG AIRCRAFT WING LOAD		├	22	به به ور			ويع	-	
308 YEARS SINCE ENGINE PRODUCTION		 							
309 ENGINES PER AIRCRAFT 310 AIRCRAFT TOTAL ENGINE AT		1		<u></u>					
GII TOTAL THRUST PER ACET		 	_						
312 CLIMB RATE		 							-
313 GENERATORS PER ACET		2/3							
G14 MAINT MANHRS PER FLT HR		1							
315 YEARS SINCE FIRST FLIGHT		 							
		-							
									<u> </u>
	 	1							
		 		<u> </u>					\vdash
		 		 					
		į –							
								 	
									
		T		-					-

	TABLE 8-96 WUC 14D - RUDDER									
	SCATTERPLOT IDENTIFICATION ARRAY									
	(EQUIPMENT VS MRD'S)		ROI MAINI ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIR PER ACFT	RU3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACFT	RUS LQUIP AIR ABORTS PER ACFI	IUIP CANNS		
	EQUIPMENT PARAMETERS		ROI W	ROZ EC	RO3 EC	RO4 EL	NORTS	ROG EQUIP		
301 1	MAINT ACTION DEMAND PER ACET	+				1		-		<u>!</u>
302	EQUIPMENT TOTAL MMHRS PER ACET	Ť2	£2			 -			-	
₹03	EQUIPMENT TOTAL REMOVALS PER ACET			,00		,		;	!	
₹04	EQUIPMENT GROUND ABORTS PER ACET	Τ				1				ī
205	EQUIPMENT AIR ABORTS PER ACET	T			Ī	1			i	!
205	SQUIPMENT CANNS PER ACET	T				i			i	1
		I								1
F01	LOCATION OF SQUIPMENT ON ACET	T				1				1
=02	ORIM MATERIAL - COMP TECH LEVEL	i				1		i		ì
F03		1			[<u> </u>
F04	EQUIPMENT YOLUME									
F05	OPERATING TEMPERATURE	T			,					1
=26	SUPPORT EQUIPMENT COMPLEXITY	<u> </u>				<u> </u>	<u> </u>			1
F07	SUPPORT ECUIPMENT RELIABILITY	1						<u> </u>		
508		4							<u> </u>	<u> </u>
F10	TENESTICAL SOCIAL PROPERTY OF THE PROPERTY OF	1			<u> </u>	!	1	1	!	
	CN/OFF CYCLES PER SORTIE	\downarrow			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
F11	GROUND TO FLIGHT OPERATING RATIO	4			1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1
= 12	RELATIVE RELIABILITY OF EQUIP DRIVE FORCE	<u> </u>			1	<u> </u>		<u>i </u>		
	REMOVALS TO ACCESS OTHER EQUIPMENT SEVERITY OF FOD	┼			<u> </u>			 		<u> </u>
F.5	PRINCIPLE FAILURE CAUSE	十			1	 			-	
	EQUIPMENT PROTECTION METHODOLOGY	+				 		' 	 	
F17	EQUIPMENT PRESSURIZATION LEVEL	÷			 			!	_	
e 18	RAIN REMOVAL TECH (WINDSHIELD)	T				ı				
	MOUNTING POSITION	1				<u> </u>		i		
F20	POWER RATING (GENERATORS)	T				1	!	1		i .
F21 1	NO OF TIRE PLY'S (TIRES)	I					<u> </u>			
F22	LANDINGS PER TIRE (TIRES)	T				Ĺ		L		
=23	AVG TIRE COST (TIRES)	Ī			1					
F24	SECURING METHOD TECH	I						1		
!		Γ					1			
					<u> </u>	1				
		1			_]	
<u> </u>		1_	أحصي					1		1

	TABLE 8-97 WUC 14D - RUDDER									
	man and and modell				S					
	SCATTERPLOT IDENTIFICATION ARRAY		_	##KS	EQUIP TOT REMOVALS ACFT					
	(OPERATIONS VS MRD'S)		ROI MAINT ACTION DEMAND PER ACFT	TOT HWIRS	I RE	ROA EQUIP GROUND ABORIS PER ACET	K. CFT	SNEI		
			× ~	=	12	B A	Y	5	1	İ
		FRO 'S	EZ	EQUIP ACF I	35	a a	3 2	3=		}
		箑	至景	E 2	F.Q	33	EÇ	3.5	İ	
	OPERATIONS PARAMETERS		10 M	RO2 PER	K03	K04 ABO	ROS EQUIP AIR ABORTS PER ACF	RUG EQUIP CANNS PER ACIT		
201	YEARS ACET HAVE BEEN ON BASE									
JC 2	AVG MISSION MIX									
203	AVG TAKE-OFF SPEED									
004	MEDIAN TAKE-OFF DISTANCE									
005	PERCENT OF MAX TAKE-OFF WT									
306	AVG CLIMB RATE		<u> </u>							
307	AVG CRUISE SPEED		<u> </u>						+	
008	AVG CRUISE ALTITUDE									
009	AVG DECENT RATE		_	570	702					
010	AVG LANDING SPEED		660							
311	MINIMUM LANDING DISTANCE									
312	AVG LANDING AT			1	1					
213	TOTAL FLYING HOURS PER ACET		بهجع	623						
214	TRAINING FLYING HOURS PER ACET								!	
015	OPERATIONS FLYING HOURS PER ACFT		تائما		_	<u></u>		!		
	TOTAL LANDINGS PER ACET		661	672						!
317	TRAINING LANDINGS PER ACFT									
018	OPERATIONS LANDINGS PER ACET			675			<u> </u>			
019	TOTAL SORTIES PER ACFT		658	681	701					
	TRAINING SORTIES PER ACET		659	<u> </u>	<u> </u>			1	-	
	OPERATIONS SORTIES PER ACFT		27		<u></u>	-		!		
022	AVG POSSESSED ACFT		<u> </u>	 	!					
023	MAXIMUM ACFT SPEED		<u> </u>		<u> </u>	 _				
724	MAXIMUM ACFT CEILING		\vdash		 			1		
225	ACFT CREW SIZE		├	 	 	 		,		
325	AVG SORTIE LENGTH		1/20	687	-	 		1		
227	ACCIDENTS (MAJOR/MINOR) PER ACET		1662		100	! -		 		
J28	INCIDENTS PER ACET			914	1,00	 				
			 				!			—i
ļ			!		 	├			!	
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	<u> </u>	-	 	<u> </u>	 -				-	
				-		<u>. </u>			-	
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L	! !			<u> </u>	<u>!</u>	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	1		

	T101 5 7 00 1415 14D 200053									
	TABLE B-98 WUC 140 - RUCOER									
	SCATTERPLOT IDENTIFICATION ARRAY]				į		
	(ENVIRONMENT VS MRD'S)		Z.	1	Ξ	<u> </u>				}
	(EMAINONNEMI 42 JHO 2)		ROI MAINI ACTION DEMAND PER ACFI		RO3 EQUIP TOT REMOVALS PER ACET	RO4 EQUIP GROUND ARORIS PER ACFI	ROS LOUIP AIR ABORIS PER ACEI	LIUIP CANIS ACF 1		İ
		S	Y	2	2 3	3 ₹	₹ ¥	5		
		MKD 'S	32	= =	3	≘ ਵ	= =	اعتا		1
		Ī	至皇	ROZ EQUIP TOT	₹	RO4 EQUIP GROUN	: E	FOUL ACF1	1	i
			2	35	3	23	3	KO5		į
	ENVIRONMENTAL PARAMETERS		2 3	Ŧ 4			-			
E01	BASE ALTITUDE			1	707					
E02	PUNWAY DIRECTION		تعار	483	<u>~</u>		1			
E03	DISTANCE TO MOUNTAINS NO OF SNOW DAYS				714		!	-		
504 505	TOTAL SNOW FALL				<i>'''</i>		`		<u> </u>	
E06	MEAN SHOW CEPTH							\vdash	i	
£37	NO OF RAIN DAYS		507	193	705			1		
	TOTAL RAIN FALL				7/7			1		
E09	NO OF HAIL DAYS									
E10	RELATIVE HUMIDITY				704			1		
E11	NO OF THUNDER DAYS					<u> </u>	<u></u>	<u> </u>		
=:2	TO A SECTION OF THE S			189	755	<u> </u>	!	!		
5:3	NO OF FOG DAYS				706		1	 -		
E14 E15	MOITDERIG ONLY STANIMOGERS HOW OF MAKE SEEL SOMIWESONS KAN						! 			
= .3 = .5	MAX CROSSWINDS 10-19 MPH		(sind	670					i	
<u>==</u> 3	MAX CROSSWINGS 20-29 MPH			24			i		1	
E18	MAX CROSSWINDS 30-39 MPH			272		1		!		
=19	MAX CROSSWINDS 40-49 MPH					ī		1		
	MEAN TEMP				7/4					
521	MEAN MIN TEMP		667		7/5	<u> </u>			1	
522	MEAN MAX TEMP		<u> </u>		709	├		!	! !	
E23	DAYS MAX TEMP WAS ABOVE BO "F"		1000	کا کا	7/3	 	<u> </u>	+	1	
E24	DAYS MIN TEMP WAS BELOW 32" "E"		100	<u>وج ور</u>	7/2	 	 		 	i
E25	TOTAL OBSTRUCTIONS TO VISION AVG OBSTRUCTION TYPE		 	491		 	\vdash	}	} 	
£27	AVG OBSTRUCTION SEVERITY		_	1	207	1	1			
					L					
							1			<u> </u>
						!	1		<u></u>	
-					 		 -	├		<u> </u>
-				<u> </u>	<u> </u>	 	1	╁	 	
			-		-	!	 	┼	-	
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	T401 5 0 00 1415 140 010055								
	TABLE 8-99 WUC 14D - RUDDER		Ī		Ī			i	
	SCATTERPLOT IDENTIFICATION ARRAY		≅	_					
	(MAINTENANCE VS MRD'S)	OL MAINT ACTION DEMAND PER ACFT	EQUIP TOT MMIR ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND BRORIS PIR ACET	ACF.T	CANNS		
	₹ . a	ER A	9	RO3 EQUIP TOT REMOVALS PER	RO4 EQUIP GROUN	ROS EQUIP AIR ABORIS PER ACE	P C		
	*	¥		EQU VAL	EQU	E S	ACF.	}	
	MAINTENANCE PARAMETERS	E.S.	R02	RO3 REMO	RO4	ABOR ABOR	ROG LOUIP PER ACET		
401	AVG OR RATE			723				$\overline{}$	
402	AVG NORM RATE			723 725					
403	AVG NORS RATE								
404	TOTAL MAINT PERSONNEL AUTHORIZED	678	679	724			1		
405	TOTAL MAINT PERSONNEL ASSIGNED			722					
406	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED	675	678		i	1			
407	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED		677			1			
408	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED								
4C9	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED	073							
410	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)						1		
411	TOTAL MAINT PERSONNEL ASSIGNED (AMS)								
412	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS)								-
413	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED 'AMS'								
417	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS)								
415	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS)								
<u> 415 </u>	TOTAL MAINT MANHOURS EXPENCED PER ACET	1674				i			
417	AVG TURN AROUND TIME MAINT						l	1	
418	ACFT FOD (ALL CAUSES)					1	į		
W13	TOT GEN SUPPORT (01-09) MHRS PER ACET	376				i		T i	
420	SEN SUPPORT OF WHRS DER ACET	677							
421	GEN SUPPORT OF MHRS PER ACET	20	100%	721					
422	GEN SUPPORT 03 MHRS PER 4CFT	671							
<u>423</u>	GEN SUPPORT 04 MHRS PER ACET	L							
¥24									
425	GEN SUPPORT DE MARS PER ACET						!		
425	GEN SUPPORT OF MARS PER ACET	 			!			!	
427	GEN SUPPORT 39 MHRS PER ACFT								
<u> </u>		!							
<u></u>		<u> </u>							
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	TABLE 8-100 WUC 140 - RUDDER	_				1		1	1 1	
	SCATTERPLOT IDENTIFICATION ARRAY			¥	_					
	(AIRCRAFT GENERAL VS MRD'S)		ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIR PER ACFI	RO3 EQUIP TOT REMOVALS PER ACFI	RO4 EQUIP GROUND ABORTS PER ACFT	- -	S S		
	š.		کٍکٍ	10	10 PER	K A	A A	3		
	S, G¥		RUI MAINT ACTIU DEMAND PER ACFT	E I	RO3 EQUIP TOT REMOVALS PER	RO4 EQUIP GROUN ABORTS PER ACFT	ROS LQUIP AIR ABORIS PER ACIT	ROG EQUIP CANNS PER ACFT		
			T X		3 A	4 t	2 E	A E		
	AIRCRAFT GENERAL PARAMETERS		33	る王	물물	8 €	2₹	2 =		
301	YEARS SINCE AIRCRAFT WAS PRODUCED									
	AIRCRAFT EMPTY WEIGHT									
303	MAX GROSS WT TAKE-OFF	4								
304	AIRCRAFT WING AREA	1	!							
	AIRCRAFT ASPECT RATIO	\perp								
G06	TOTAL FUEL CAPACITY	1								
	AVG AIRCRAFT WING LOAD	+								
	YEARS SINCE ENGINE PRODUCTION	+								
	ENGINES PER AIRCRAFT	÷								
	AIRCRAFT TOTAL ENGINE WT	+								
G12	TOTAL THRUST PER ACET CLIMB RATE	+								
	GENERATORS PER ACET	╁								
G14	MAINT MANHRS PER FLT HR	╁		-						
	/ CEARS SINCE FIRST FLIGHT	÷				_	<u>' </u>			-
	Janua o Med 1801 Clans	+						<u> </u>		-
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	TABLE 8-101 WUC 14H - FLAPS								
				i	!		i		
	SCATTERPLOT IDENTIFICATION ARRAY	1		1	-	ĺ]	ļ	
	(EQUIPMENT VS MRD'S)	_	DLMAND PER ACFT ROZ EQUIP TOT MMIR PER ACFT	-					į
		ROI MAINT ACTION	- 2	RO3 LOUIP TOT REMOVALS PER ACE	 = =	Ξ	₹		
	·	, []	2 5	2≅	SS S	1 ₹ ₹	N.		
	J.	=	DEMAND PER ACFT ROZ EQUIP TOT M PER ACFT	RO3 LOUIP TOT REMOVALS PER	_ ≃	RUS LOUIP AIR ABORIS PLR ACF	ROG EQUIP CANNS	ì	
	•	\ <u>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </u>		3 2	15.2	132	35	1	į
		_	2 2 2	E =	1 = E	~ =	A F.		
	EQUIPMENT PARAMETERS	3	리오늘	물물	RO4 EQUIP GROUND ABORTS PER ACET	3 &	:≅ ≅	į	
₹01	MAINT ACTION DEMAND PER ACET		Ī	1					
₹02	EQUIPMENT TOTAL MMHRS PER ACET	172			:				
₹03	EQUIPMENT TOTAL REMOVALS PER ACFT	1724	; 7c=	1					_
₹04	EQUIPMENT GROUND ABORTS PER ACFT	<u> </u>	1	1	!				
₹05	EQUIPMENT AIR ABORTS PER ACET	+		 		<u></u>	! !		
₹06	EQUIPMENT CANNS PER ACET		7 75%	<u> </u>			1		
F01	1.201710H 05 CONTOURNE AN 1457	+	-		<u> </u>		<u> </u>	- 	_
F02	LOCATION OF EQUIPMENT ON AGET PRIM MATERIAL - COMP TECH LEVEL	-!					!		_
F03	EQUIPMENT WEIGHT	172	2 757						\dashv
F04	SCUIPMENT /GLUME		1760				:		_
F05	OPERATING TEMPERATURE	1732	1	1					_
= 26	SUPPORT EQUIPMENT COMPLEXITY	172	7	Ī	!		170%		_
F07	SUPPORT EQUIPMENT RELIABILITY	1		Ī	!				
F08	TYPE OF FAILURE PROBLEMS	173	1759	774	Ī	ī			
509	INFLIGHT SQUAWK VERIFICATION RATE		į.		1			1	
£:0	ON/OFF CYCLES PER SORTIE	7.00	7 23	1			307		
F11	GROUND TO FLIGHT OPERATING RATIO		<u> </u>	1				1	
F13	RELATIVE RELIABILITY OF EQUIP ORIVE FORCE	<u> </u>	1	1	!	<u> </u>	<u> </u>		
F14	REMOVALS TO ACCESS OTHER EQUIPMENT SEVERITY OF FOO			 	+	├			_
F15	PRINCIPLE FAILURE CAUSE	+		-	! 		1 1		
F::6	EQUIPMENT PROTECTION METHODOLOGY	+		i	\vdash		}		-
=17	EQUIPMENT PRESSURITATION LEVEL	i	i	;	 		1		
F18	RAIN REMOVAL TECH (WINDSHIELD)		1	1	İ		ī		$\overline{}$
£10	MOUNTING POSITION				•				
F 20	POWER RATING (GENERATORS)	1		i		<u> </u>			
F21	NO OF TIRE PLY'S (TIRES)	-		1		i			_
=22	ANDINGS PER TIRE (TIRES)	 		<u> </u>	 				!
=23 =24	AVG TIRE COST (TIRES)	+-	<u> </u>	!		<u> </u>	 	1	
	SECURING METHOD TECH	+			1				
		+-				<u>.</u>	 		_
		+-							
		┿							

	TABLE 8-102 WUC 14H - FLAPS SCATTERPLOT IDENTIFICATION ARRAY (OPERATIONS /S MRD'S)	MRD'S	NOT MAINE ACTION DEMAND PER ACFI	ROZ EQUIP TOT MMIRS PER ACFI	RO3 EQUIP TOT REMOVALS PER ACET	RO4 ECRITP GROWIND BROKTS, PER ACET	ROS EQUIP AIR ABORTS PER ACET	RUG EQUIP CARNS PER ACEI		
	OPERATIONS PARAMETERS		33	32	3 =	3 4	3 5	≅ ≍		ι
201	FEARS ACET HAVE BEEN ON BASE					-				
302	AVG MISSION MIX									
203	AVG TAKE-OFF SPEED					ĺ				
304	MEDIAN TAKE-OFF DISTANCE								1	
305 I	PERCENT OF MAX TAKE-OFF WT									
006	AVG CLIMB RATE		728	767	792					
307	AVG CRUISE SPEED									
308	AVG CRUISE ALTITUDE					<u> </u>			<u> </u>	
009	AVG DECENT RATE		7.29		790					
010	AVG LANDING SPEED			7:16	701				1	ł
21:	MINIMUM LANDING DISTANCE			1					<u>i </u>	
012	AVG LANDING WT		1	<u> </u>						
213	TOTAL FLITING HOURS PER ACET		736	762	778					
214	TRAINING FLYING HOURS DER ACET								1	
015	OPERATIONS FLYING HOURS PER ACET		725	763	737					<u> </u>
215	TOTAL LANDINGS PER ACET			<u> </u>					<u> </u>	<u>!</u>
017	TRAINING LANDINGS PER ACET									
018	OPERATIONS LANDINGS PER ACET		734	731	786				<u> </u>	<u> </u>
119	TOTAL SORTIES PER ACET								1	<u> </u>
	TRAINING SORTIES PER ACET		- 3.2							
321	OPERATIONS SCRIIES PER ACFT		737	764	750				!	!
	AVG POSSESSED ACFT								!	
	MAXIMUM ACFT SPEED		<u> </u>	ļ						
	MAXIMUM ACET CETLING		 						!	
	ACFT CREW SIZE		 	 	<u> </u>					├
J25	AVG SORTIE LENGTH				<u> </u>	-			 	
227 228	ACCIDENTS (MAJOR/MINOR) PER ACET INCIDENTS PER ACET		 						 	
169	I INCLUENTS PER MENT		 			<u> </u>			├──	!
			<u> </u>		 	 				
			;	 					+	1
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	1				1	-				

	TABLE B-103 WUC 14H - FLAPS								
	SCATTERPLOT IDENTIFICATION ARRAY								
			z	MMIR	Ξ	_			
	(ENVIRONMENT VS MRD'S)		ROL MAINE ACTION DEMAND PER ACFT	X	RO3 EQUIP TO4 REMOVALS PER ACF	RO4 EQUIP GROUND ABORTS PLR ACFI	EF.	LQUIP CANNS ACFT	1 1
		S	A AC	101	TO PER	RO4 EQUIP GROUN ABORTS PLR ACFI	ROS EQUIP AIR ABORIS PER ACF	5	
		MRD S	IN 3	EQUIP ACFT	UF LS	들로	급표	3=	
		I	₹ S	F.O.	D E	3.5	₹ E	E E	
	ENVIRONMENTAL PARAMETERS		5.5	RO2 PER	R03	A SO	ROS ABO	805 R 1-1	
<u> 501 </u>					791				
522			!	771		1			
503	DISTANCE TO MOUNTAINS		 						
E04 E05	NO OF SNOW DAYS		<u> </u>					-11	+
£06	TOTAL SNOW FALL MEAN SNOW DEPTH							7/2	+
<u> 537</u>	NO OF RAIN DAYS								
E08	TOTAL RAIN FALL			_					-
E09			<u> </u>			,		i 	
E10 !									
Ell	NO OF THUNDER DAYS								
F12	NO OF SLEET DAYS								
===	NO OF FUG DAYS							<u> </u>	
5:4	PREDCMINATE WIND DIRECTION							710	
£15 £15	MAX CROSSWINDS LESS THAN 10 MPH		7110	~/0	= 0				
£1.7	MAX CROSSWINDS 10-19 MPH MAX CROSSWINDS 20-29 MPH			770	794			314 TO9	
	MAX GROSSWINDS 30-39 MPH		741		793			267	-
2.3	MAX 02035WINDS 40-49 MPH		192	100	//3			3/1	
E:3	METH END					-	-	3//	+
	MEAN MIN TEMP							308	\neg
	MEAN MAX TEMP								
E23_	DAYS MAX TEMP HAS ABOVE 300 HEM								
524	DAYS MIN TEMP HAS BELOW 32" HER							513	
<u> 525</u>	TOTAL OBSTRUCTIONS TO VISION						-		
E25 E27	AVG DESTRUCTION TYPE AVG DESTRUCTION SEVERITY								
1 54/	444 0001706170M 0615X1.7								
									+
1								 	

	TABLE B-104 MUC 14H - FLAPS	1	1		i		ī	T 1
	SCATTERPLOT IDENTIFICATION ARRAY	1	¥	-				
	(MAINTENANCE VS MRD'S)	ACTION ACFI	EQUIP TOT MMIIR ACET	KO3 FQUIP TOF KLMOVALS PER ACFT	ROA LOUIP GROUND ANDRIS PER AFFE	=	Ş	
		RUI MAINI ACITO	101	10T	680 A	ROS EQUIP AIR ABORTS PER ACFI	CANNS	
	₩.D`S	EE	<u> </u> = _	KO3 EQUIP TOT KEMOVALS PER	- 4	프뤼	= _	
	≆	₹ ⊋	Acri	E-SI	골	32	3 2	į
		3₹	R02	E 33	33	3 3	ROG EQUIP	
	MAINTENANCE PARAMETERS	*=	2 -	23	24	≆ ₹	≥ =	
40 :	AVG OR RATE							
402	AVG NORM RATE		!					
403	AVG YORS RATE	<u> </u>						
MO4	TOTAL MAINT PERSONNEL AUTHORIZED		-			!		
405	TOTAL MAINT PERSONNEL ASSIGNED	1	7073	709				
406	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED	1747	773				3.6	!
407 408	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED			735				
4C9			777					
410	2.00	1/4/	1///	202				
w11	TOTAL MAINT PERSONNEL ASSIGNED (AMS)	├	}					
M12	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	 	 -					
413	STAL 5 LEVEL MAINT PERSONNEL ASSISTED (AMS)		` 		:			
W14								
415	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS)		-			—- i	i	
415	TOTAL MAINT MANHOURS EXPENDED PER ACET		774	700				
417	AVG TURN AROUND TIME MAINT						i	
M13	ACFT FOD (ALL CAUSES)				 			
410	TOT GEN SUPPORT (01-09) MHRS PER ACET	949	778	503			-	
W20	GEN SUPPORT 31 MHRS SED ACET	िंउट		304				
421	GEN SUPPORT 32 MHRS PER ACET	746	775	5c0				
422	GEN SUPPORT DE MHRS PER ACET	748	776	301				l
	GEN SUPPORT 24 MHRS PER ACET							
457	GEN SUPPORT DE MHRS PER ACET	333						
	GEN SUPPORT DE MHRS PER ACET	752		<u> </u>				
	GEN SUPPORT OF MHRS PER ACET	757	<u> </u>	<u> </u>	 		55	
427	GEN SUPPORT OF MHRS PER AGET	<u> </u>	!					
	!	<u> </u>	 	<u> </u>				
	!	 		!	 			
<u> </u>				ļ				<u> </u>
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	TABLE B-105 WUC 14H - FLAPS		;	i					
	SCATTERPLOT IDENTIFICATION ARRAY								
		₹.	<u>₹</u>	Ξ	=		_		
	(AIRCRAFT GENERAL VS MRD'S)	155	=	= 3	183	3	SMNS		
	.s.	= X	Ē	= =	3 2	Z Z	<i>t</i>)		
	.	AIN	35	A SE	SES	Ser.	<u> 25</u>		
	AIRCRAFT GENERAL PARAMETERS	ROT MAINT ACTION DEMAND PER ACFT	KOZ EQUIP TOT MMIR PER ACET	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACET	ROS EQUIP AIR ABORTS PER ACFT	ROG EQUIP CARNS PER ACFI		
301	YEARS SINCE AIRCRAFT WAS PRODUCED								
302		Ī	1						
303	MAX GROSS AT TAKE-OFF	<u> </u>	<u> </u>						
304		ļ	!						
305		 	<u> </u>						
306	OTTE TOLE STATELET		 				_		
307	AVG AIRCRAFT WING LOAD	1220	 				1,1		
308	YEARS SINCE ENGINE PRODUCTION	ļ	 						
	ENGINES PER AIRCRAFT	!							
510	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 							
G11	TOTAL THRUST PER ACET	↓	732						
312	CLIMB RATE	!	1-51		<u> </u>				
	SENERATORS SER ACFT MAINT MANHOS SED ELT 40	 -							
	MAINT MANHRS PER FUT HR YEARS SINCE FIRST FUIGHT			1					
3:3		 							
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TABLE 8-106 WUC 41A - WATER SEPARATOR

ABLE 8-106 - AUC 41A - WATER SEPARATOR	
SCATTERPLOT IDENTIFICATION ARRAY	
(EQUIPMENT VS MRD'S)	2 E Ca
	A H A B E E E E E E E E E E E E E E E E E E
S.O¥	
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	AE SE SE SE SE SE SE SE SE SE SE SE SE SE
EQUIPMENT PARAMETERS	ROI MAINT ACTION DEMAND PER ACFT ROZ EQUIP TOF MAIR PER ACFT ROJ EQUIP TOF ROA EQUIP GROUND ABORTS PER ACFT ROS EQUIP AIR ABORTS PER ACFT ROS EQUIP CANNS PER ACFT
	
	3.9 327
	
ROS EQUIPMENT AIR ABORTS PER ACET	
ROG EQUIPMENT CANNS PER ACET	320 528
FOL 1 LOCATION OF EQUIPMENT ON ACET	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
FO4 EQUIPMENT VOLUME	
FOS OPERATING TEMPERATURE	
FOR I SUPPORT EQUIPMENT COMPLEXITY	
FO7 SUPPORT EQUIPMENT RELIABILITY	
FOR I TYPE OF FAILURE PROBLEMS	132/13291
FOR INFLIGHT SQUAWK VERIFICATION RATE	
FIO ON/OFF CYCLES PER SCRITE	
F11 GROUND TO FLIGHT OPERATING RATIO	
F12 RELATIVE RELIABILITY OF EQUIP ORIVE FORCE	
F13 REMOVALS TO ACCESS OTHER EQUIPMENT	
F14 SEVERITY OF FOD	
FIS PRINCIPLE FAILURE CAUSE	
F16 EQUIPMENT PROTECTION METHODOLOGY	350
F17 EQUIPMENT PRESSURIZATION LEVEL	370 540
FIB RAIN REMOVAL TECH (WINDSHIELD)	
F19 MOUNTING POSITION	
F20 POWER RATING (GENERATORS)	
F21 NO OF TIRE PLY'S (TIRES)	
F22 LANDINGS PER TIPE (TIRES)	
F33 AVG TIRE COST (TIRES)	
F24 SECURING METHOD TECH	

REMOVAL S SCATTERPLOT IDENTIFICATION ARRAY ROI MAINT ACTION BEMAND PER ACFT ROZ EQUIP TOT MMIR PER ACFT RO3 EQUIP TOT REM
PER ACFT
RO4 EQUIP GROUND
AUGHTS. PER ACET
RO5 EQUIP ATR
ABORUS. PER ACFT
RO5 EQUIP ATR
FO6 EQUIP CANNS
PER ACFT (OPERATIONS VS MRD'S) OPERATIONS PARAMETERS YEARS ACFT HAVE BEEN ON BASE AVE MISSION MIX AVG TAKE-OFF SPEED 1531 542 MEDIAN TAKE-OFF DISTANCE PERCENT OF MAX TAKE-OFF WT 004 005 000 AVG CLIMB RATE
007 AVG CRUISE SPEED 008 AVG CRUISE ALTITUDE AVG DECENT RATE 009 354 AVG LANDING SPEED 754 343 MINIMUM LANDING DISTANCE 012 AVG LANDING AT DI3 | TOTAL FLYING HOURS PER ACET 353 TRAINING FLYING HOURS PER ACET OPERATIONS FLYING HOURS PER ACET 352 TOTAL LANDINGS PER ACET
TRAINING LANDINGS PER ACET 018 OPERATIONS LANDINGS PER ACET 3511 TOTAL SORTIES PER ACET
TRAINING SORTIES PER ACET
OPERATIONS SORTIES PER ACET 3571 355 222 AVG POSSESSED ACET
223 MAXIMUM ACET SPEED 1541 324 | MAXIMUM ACFT CEILING ACFT CREW SIZE
AVG SORTIE LENGTH 725

WUC 41A - WATER SEPARATOR

TABLE B-107

227 ACCIDENTS (MAJOR/MINOR) PER ACET

328 | INCIDENTS PER ACET

TABLE 8-108 WUC 41A - WATER SEPARATOR

										
	SCATTERPLOT IDENTIFICATION ARRAY (ENVIRONMENT VS MRD'S)	MRD'S	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIR PER ACFT	RO3 LIVITP TOT REMOVALS PER ACFT	RO4 FRUIP GROUND ABORTS PER ACFT	ROS EQUIP AIR ABORIS PER ACFT	EQUIP CANNS ACFT		
		¥	₹ 5	₹.	支票	E ,	豆二	ACE F	1	i
		_	Z Z	F.	23	==	25			1
	ENVIRONMENTAL PARAMETERS		EN EN	KO2 PER	RO3	RO4	ROS	2 KU6		
E01	BASE ALTITUDE		724			1		201		
502	RUNWAY DIRECTION					1	1	30,4	İ	
E03	DISTANCE TO MOUNTAINS									
E04	NO OF SNOW DAYS									
EQ5	TOTAL SNOW FALL			334						
E06	MEAN SNOW DEPTH					1	}			
E07	NO OF RAIN CAYS						i			\Box
E08	TOTAL RAIN FALL					,	i			
£09	NO OF HAIL DAYS						Ī			
E10	RELATIVE HUMIDITY .					<u> </u>				
Ell	NO OF THUNDER DAYS						1			 ;
512	10 OF SLEET DAYS					<u> </u>	-			
E13	NO OF FOG DAYS						1			
E14	PREDOMINATE WIND DIRECTION			323						
E15 (MAX CROSSWINDS LESS THAN 10 MPH							1	i	
	MAX DROSSWINGS 10-19 MPH							560		
€17	MAX CROSSWINDS 20-29 MPH		711	315	544				1	
	MAX CROSSWINDS 30-39 MPH							757		
£19 £20	MAX CROSSWINDS 10-19 MOH			314					- i	 i
E20	MEAN TEMP									
E2:	MEYN AIN LEMB		323	312	545			!		
<u> 522 </u>	MEAN MAX TEMP		İ							
E23	DAYS MAX TEMP WAS 4500 BOT 15"									
E24	DAYS MIN TEMP WAS BELOW 32" "E"									
	TOTAL OBSTRUCTIONS TO VISION									
	AVG DESTRUCTION TYPE]
_E27	AVG_OBSTRUCTION_SEVERITY									
							!		1	
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TABLE 8-109 WUC 41A - WATER SEPARATOR

				i						
	SCATTERPLOT IDENTIFICATION ARRAY (MAINTENANCE VS MRD'S)		CT I ON ACF I	TOT MMIR	OT R ACFT	ROUND	JIR ACFT	ANNS		
	MAINTENANCE PARAMETERS	MRO'S	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP 1 PER ACFI	RO3 EQUIP TOT REMOVALS PER ACFI	ROA EQUIP GROUND ABORIS PER ACET	ROS EQUIP AIR ABORTS PER ACF	RUG LQUIP CANNS PLR ACFI		
401	AVG OR RATE								-	
402	AVG NORM RATE						i		\rightarrow	
MO3	AVG NORS RATE							_	Ī	
404	TOTAL MAINT PERSONNEL AUTHORIZED					i				
405	TOTAL MAINT PERSONNEL ASSIGNED								- j	
406	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED					 i		362		
407	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED						$\overline{}$	364		
M08	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED					i	1	-		
409	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED						i	763		
410	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)						i			
411	TOTAL MAINT PERSONNEL ASSIGNED (AMS)					i				
412	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (A	MS)		1			i			
413		MS)				ī	;			
W14	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (A	MS:				i				
415	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED /A				ŀ	i	$\overline{}$			
415	TOTAL MAINT MANHOURS EXPENDED PER ACET						i	F35	i	
417	AVG TURN ARCUND TIME MAINT					ì	i	-	i	
418	ACFT FOD (ALL CAUSES)						i		i	
419	TOT GEN SUPPORT (01-09) MHRS PER ACET							8691		
420	GEN SUPPORT OF MHRS PER ACET							اوشن		
M2:	GEN SUPPORT DE MHRS PER ACET					- 1	Ī	300	İ	
422	GEN SUPPORT OR MHRS PER ACET							507	i	
<u> 423</u>	GEN SUPPORT 04 MHRS PER ACET			Ī						
W24	GEN SUPPORT OF MARS PER ACET				340					
425	GEN SUPPORT OF MHRS PER ACET								!	
¥25	GEN SUPPORT OF MHRS PER ACET		325	337	347	!	!		i	
427	GEN SUPPORT 09 MHRS PER ACFT					1				
<u> </u>						!				
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}							!			
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L	·						!			

TABLE 8-110 WUG 41A - WATER SEPARATOR

	SCATTERPLOT IDENTIFICATION FRRAY (AIRCRAFT GENERAL VS MRO'S) AIRCRAFT GENERAL PARAMETERS	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP 10T MMIR PER ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACET	ROS LQUIP AIN ABORIS PER ACFI	RUG EGUTP CANNS PLR ACFT		
301	YEARS SINCE AIRCRAFT WAS PRODUCED								 ;
302	AIRCRAFT EMPTY WEIGHT	-							
									
G03	MAX GROSS WT TAKE-OFF	 	 						
304	AIRCRAFT WING AREA								
305	AIRCRAFT ASPECT RATIO		239	349	!				
306	:01AE 34E 311 -011:						<u> </u>]
307	AVG AIRCRAFT WING LOAD	324	2.73	348					
308	YEARS SINCE ENGINE PRODUCTION	1	<u> </u>		1				
309	ENGINES PER AIRCRAFT	ļ	Ī		ł				
310	AIRCRAFT TOTAL ENGINE WT				i				
311	TOTAL THRUST PER ACET								
312	CLIMB RATE	·	· · · ·						
G13			Ī						
314	MAINT MANHRS PER FLT HR								
315	YEARS SINCE FIRST FLIGHT		i						
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			<u> </u>	1	<u> </u>	!		<u> </u>	

TABLE 8-111 WUC 42A - GENERATOR ASSY.

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	SCATTERPLOT IDENTIFICATION ARRAY							
	(EQUIPMENT VS MRD'S)		~					1
	(Edutivity 13 line 3)	8 _	MMIR	H	9_	_	اما	
		ROI MAINT ACTION DEMAND PER ACFT	_	ROJ EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORIS PER ACFT	₹ <u>5</u>	CANINS	
	ARD'S	A A	<u>1</u> 0	25 ER	3 ₹	₹ ∑	5	
	<u> </u>	EE		S F	으문	= ₹		
		3 ≘	EQUIP ACFT	RO3 EQUIP TOT REMOVALS PER	2.2	RUS EQUIP AIR ABORIS PER ACF	ROG FQUIP PLR ACFI	
		1	28	25	<u> </u>	2	S &	İ
	EQUIPMENT PARAMETERS	울물	R02	35	A B	3 4	R06	1
301	MAINT ACTION DEMAND PER ACET		 		,		; ;	
₹02	EQUIPMENT TOTAL MMHRS PER ACET	371						
₹03	EQUIPMENT TOTAL REMOVALS PER ACET		207					
R04	EQUIPMENT GROUND ABORTS PER ACET	872	200	i	;			1
₹05	EQUIPMENT AIR ABORTS PER ACFT		1					
₹06	EQUIPMENT CANNS PER ACET						!	
1		I	ī .	1				
=01	LOCATION OF EQUIPMENT ON ACET			<u> </u>			<u> </u>	
F02	PRIM MATERIAL - COMP TECH LEVEL		1	1				!
F03	EQUIPMENT WEIGHT			<u> </u>	!	Ī		
F04	EQUIPMENT VOLUME	·						1
F05	OPERATING TEMPERATURE		100	927	1256		195	
506 !	JOF TON TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR			1926		<u> </u>	1 1	
F07	SUPPORT EQUIPMENT RELIABILITY	374	19:0	<u> </u>			1	
F08	TYPE OF EATLURE PROBLEMS		<u> </u>		l	<u> </u>	1	
<u> </u>	INFLIGHT SQUAWK /ERIFICATION RATE	57%	209	328	1		<u> </u>	
F10	ON/OFF CYCLES PER SORTIE	875	!		<u> </u>			
F11	GROUND TO FLIGHT OPERATING RATIO				<u> </u>	<u> </u>	1 1	
F12	RELATIVE RELIABILITY OF EQUIP DRIVE FORCE			!		<u> </u>		
F13	REMOVALS TO ACCESS OTHER EQUIPMENT	373	<u> </u>				<u> </u>	
F14	SEVERITY OF FOO	<u> </u>	<u> </u>	<u>!</u>	<u> </u>	ļ	1 1	
F15	PRINCIPLE FAILURE CAUSE	 	 	<u> </u>	1	<u> </u>	1 21 2	
F16	EQUIPMENT PROTECTION METHODOLOGY	!	<u> </u>	1	!		1767	
F18	EQUIPMENT PRESSURIZATION LEVEL	-	1	 				
F10	PAIN REMOVAL TECH (WINDSHIELD)	├──	! 	 	├			
F20	MOUNTING POSITION		 -	 	<u> </u>		} 	
F21 1	POWER RATING (GENERATORS) NO OF TIRE PLY'S (TIRES)		 	!			+ +	
F22	LANDINGS PER TIRE (TIRES)			 		!		<u>-</u>
F23	AVG TIRE COST (TIRES)	 	-	 	+-	i -	1	
=24	SECURING METHOD TECH	 	1				 	<u></u> -
-24			<u> </u>	-		 	1	
		 		 		}	 	
		-	<u>: </u>		<u> </u>	i	1	
 	·····	└		<u>:</u>	1	-	 	
		•						

TABLE 3-112 WUC 42A - GENERATOR ASSY.

		-								
	SCATTERPLOT IDENTIFICATION ARRAY (OPERATIONS VS MRD'S)	TIKU 3	ROI MAINT ACTION DEMAND PER ACFT	EQUIP TOT MMIRS ACFT	EQUIP TOT REMOVALS ACFT	RO4 EQUIP GROUND ABORIS PER ACET	ROS EQUIP AIR Aborts per acfi	IP CANNS		
		\$	≨e	33	35	3.2	골∽	몽호		
	OPERATIONS PARAMETERS	•	RO1 DEMAN	RO2 (RO3 L	RO4 1 ABOR	ROS E Abort	ROG EQUIP (PER ACET		
201	MEARS ACET HAVE BEEN ON BASE	+	334							
502	AVG MISSION MIX	+	383							
203	AVG TAKE-GFF SPEED	1	550	911		457		974		
004	MEDIAN TAKE-OFF DISTANCE	Ť	552							
205	PERCENT OF MAX TAKE-OFF WT	+	331			754	,			
006	AVG CLIMB RATE			913					- i	$\neg \neg$
307	AVG CRUISE SPEED	\dashv	220		73.5			27/1		
208	AVG CRUISE ALTITUDE	Ť			971	_				
209	AVG DECENT RATE	+			972				i	i
310	AVG LANDING SPEED	+				960			—— i	
311	MINIMUM LANDING DISTANCE	÷								
012	AVG LANDING AT	1	270						-	
313	TOTAL FLYING HOURS PER ACET	Ť			070				 i	
314	TRAINING FLYING HOURS PER ACET	Ť	380		- _					
	OPERATIONS FLYING HOURS PER ACET	\dashv			374					
215	TOTAL LANDINGS PER ACET	T								
017	TRAINING LANDINGS PER ACET	1				361				
318	OPERATIONS LANDINGS PER ACET	1	- 1		929					
319	TOTAL SORTIES PER ACET	Ť	<u>_</u>							
	TRAINING SORTIES PER ACET	_								
021	OPERATIONS SORTIES PER ACET	T			923					
322	AVG POSSESSED ACFT	1				459				
	MAXIMUM ACFT SPEED		1			273		774	i	
	MAXIMUM ACFT CEILING	Ţ						2-0	Ì	
025	ACFT CREW SIZE	Ī	7 77		936					
025	AVG SORTIE LENGTH	Ī	375							
327	ACCIDENTS (MAJOR/MINOR) PER ACET	ĺ								
028	INCIDENTS PER ACFT		687							
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TABLE 8-113 MUC 42A - GENERATOR ASSY.

	SCATTERPLOT IDENTIFICATION ARRAY (ENVIRONMENT VS MRD'S)	' 2	HOT MAINT ACTION DEMAND PER ACFT	TOT MALIR	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 LQUIP GROUND ABORTS PER ACET	AIR 2 ACF1	ROD LIVITY CANNS		
		MKD'S	MAINT ND PE	ROZ EQUIP 101 PER ACFT	RO3 EQUIP TOT REMOVALS PER	95	KOS FQUIP AIR ABORTS PER ACF	F QUITP ACL T		
			<u>-</u> . ₹	∾ ≃	2₹	₹ §	<u>∞</u> ₹	ےو		- 1
	ENVIRONMENTAL PARAMETERS		5 3 3	2 %	물품	2 2	35	≅	1	
ED: T	BASE ALTITUDE					<u> </u>			-	
E02	RUNWAY DIRECTION				<u> </u>	!				\neg
E03	DISTANCE TO MOUNTAINS					1	:			
E04	NO OF SNOW DAYS									
E05	TOTAL SNOW FALL			915				i		$\neg \neg$
EC6	MEAN SNOW DEPTH		-					i	1	$\neg \neg$
_ <u>5</u> 07	NO OF RAIN DAYS							1		$\neg \neg$
E08	TOTAL RAIN FALL					$\overline{}$				
E09 I	NO OF MAIL DAYS							1		$\neg \neg$
E10	RELATIVE HUMIDITY					i				
Ell i	NO OF THUNDER DAYS				270	1	 	1		
E12	NO OF SLEET DAYS		355			-				
E13	NO DE EGG CAYS					1	Γ-	<u> </u>		
E14	PREDOMINATE WIND DIRECTION					1	Ī	1		$\overline{}$
€15	MAX CROSSWINDS LESS THAN 10 MPH					i		٠-٠		
E16	MAX CROSSWINDS 10-19 MPH				233		1			
E17	MAX CROSSWINDS 20-29 MPH			914	240	!	1			
E13 1	MAX CROSSWINDS 30-39 MPH				937	1		<u> </u>	$\overline{}$	
	MAX CROSSWINDS 40-49 MPH				 .	<u> </u>		1		
E19 E20	MEAN TEMP							1	1	—
E21	MEAN MIN TEMP			7/3						
E22	MEAN MAX TEMP									
E23	CAYS MAX TEMP WAS ABOVE BO TEM				341		i			
E24	CAYS MIN TEMP WAS BELOW 320 JET						ĺ			
	TOTAL DESTRUCTIONS TO VISION									
£25	AVG CBSTRUCTION TYPE							i		
527	AVG OBSTRUCTION SEVERITY						1			
							į .			
							1			
			Ī			1				
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TABLE 8-114 WUC 42A - GENERATOR ASSY.

	TABLE G-1.4 ROO 42A - GENERATOR ASS	-			 -	-		
	SCATTERPLOT IDENTIFICATION ARRAY	Z	TOT MMIR	FT	-			
	(MAINTENANCE VS MRD'S)		Z	AC	SH		€	i
		P Q	101	10 ×	용된	AIR	CANNS	}
	<u>s</u> -	===	d.	<u>ء</u> =	7 3	2 ==	_	}
	₹°D'\$	N G	EQUIP ACFT	SI	Ξ,	EQUIP TS PLH	F. F. F. F. F. F. F. F. F. F. F. F. F. F	
	_	3 2		3	3 3	2 5	₹ ₹	
·	MAINTENANCE PARAMETERS	ROI MAINT ACTION DEMAND PER ACFT	R02 P1 R	RO3 EQUIP 10T REMOVALS PER ACFT	ROA EQUIP GROUND ABORTS PER ACET			
401	AVG CR PATE						974	
402	AVG NORM RATE						31	
M03	AVG MORS RATE	3 9 3					377	
M04	TOTAL MAINT PERSONNEL AUTHORIZED	394			765			
405	TOTAL MAINT PERSONNEL ASSIGNED	392			964		!	
406	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED		721	946	_			
407	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED			غرب				
408	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED			945		!		
409	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED			243				
410	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)							
411	TOTAL MAINT PERSONNEL ASSIGNED (AMS)					!		
¥12	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS)						!	
413	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS)						<u> </u>	
414	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS)					<u> </u>		
415	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS)							
415	TOTAL MAINT MANHOURS EXPENDED PER ACET			944				
417	AVG TURN AROUND TIME MAINT	400	?20		Ordo			
418	ACFT FOO (ALL GAUSES)			A =	963			
419 420	TOT GEN SUPPORT (01-09) MHRS PER ACET			750		1		
421 421	GEN SUPPORT OF MARS PER ACET			951				
M22	GEN SUPPORT OF MHRS PER ACET			731				
w23	GEN SUPPORT OF MARS PER ACET							
424	GEN SUPPORT OF MARS PER ACET		7/3		9671			
425	GEN SUPPORT OF MHRS PER ACET	291		245				·
425	GEN SUPPORT OF MARS PER ACET	31/	3.7					
427	GEN SUPPORT DE MHRS PER ACET	350						$\overline{}$
						1	- i	 -
		i						 -
								ī

TABLE 8-115 WUC 42A - GENERATOR ASSY.

	TABLE B-115 WUC 42A - GENERATOR A	331.							
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	SCATTERPLOT IDENTIFICATION ARRAY		1					.	ļ
	SCATTER LOT TOCKT IT TOAT TON THICK	_	ROZ EQUIP TOT MAIR	-				. (,
	(AIRCRAFT GENERAL VS MRD'S)	lā.	2	2	E E	Ξ	NS.		-
		128	5	5 ×	R 24	AC AC	AN		İ
	FKD 'S	122	1=	_ =	ڃا	2 ==	ا <u>ـ</u> ا		i
	\tilde{\	1 = a	E	25	10 g	= -	<u>=</u> =		.]
		ROI MAINT ACTION	12.8	RO3 LQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACFT	ROS EQUIP AIR ABORIS PER ACFT	ROG EQUIP CANNS		, 1
		3	8≅	33	80	33	98		
	AIRCRAFT GENERAL PARAMETERS	1	1	1	2 <	≃ <	× -		
G01	YEARS SINCE AIRCRAFT WAS PRODUCED	39	925	1					
302	AIRCRAFT EMPTY WEIGHT	300	•	954					
303	MAX GROSS WT TAKE-OFF	190	1						
304	AIRCRAFT WING AREA	00.	<u>1</u>	755	<u> </u>	L			
G05	AIRCRAFT ASPECT RATIO	Ĭ							
306	TOTAL FUEL CAPACITY	300				1			
307	AVG ATRORAFT WING LOAD	1	1924						
308	YEARS SINCE ENGINE PRODUCTION	1295	وندي آ	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
309	ENGINES PER AIRCRAFT	37	9						
G10	AIRCRAFT TOTAL ENGINE NT	990	/	1	<u> </u>	i	1		
311	TOTAL THRUST PER ACFT	0.5	•	6.3		Γ	<u> </u>		
312	CLIMB RATE]		370		
313	SEMERATORS PER ACET	003		953	<u> </u>	1	<u> </u>	<u>i </u>	
314	MAINT MANHRS PER FET HR	1		<u> </u>	<u></u>	<u> </u>	375		
315	YEARS SINCE FIRST FLIGHT	390	1 923	<u> </u>	<u> </u>				
		L.	<u>i</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		
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TABLE B-116 WUC 44A01 - ANTI COLLISION LIGHTS

;	
SCATTERPLOT IDENTIFICATION ARRAY	
(EQUIPMENT VS MRD'S)	ACTION RACET TOT MMIR FOT FER ACFT GROWIND RACET ATR ATR CANIS CANIS
	ACTION MACTION MACTION MACTION MACTION MACTINATION MAC
<u>\$</u>	A ACT ACT OF ACT
MRD'S	
₹,	MAINT AGET PER PER PER PER PER PER PER PER PER PER
	KO1 PFR RO3 RO5 FRO5 FRO5 FRO5 FRO5 FRO5 FRO5 FRO5
EQUIPMENT PARAMETERS	32 32 335 35 35
ROI MAINT ACTION DEMAND PER ACET	
ROZ I EGUIRMENT TOTAL MMHRS PER AÇET	78/
RO3 EQUIPMENT TOTAL REMOVALS PER ACET	780 1010
ROA EQUIPMENT GROUND ABORTS PER ACET	
ROS EQUIPMENT AIR ABORTS PER ACET	
RC6 EQUIPMENT GANNS PER ACET	1011 1037
FOL LOCATION OF EQUIPMENT ON ACET	
FO2 PRIM MATERIAL - COMP TECH LEVEL	
	982 /012 /038
FC4 + ECUIPMENT VOLUME	
FOS OPERATING TEMPERATURE	
FOR A SUPPORT EQUIPMENT COMPLEXITY	3551/015 10411
FO7 : SUPPORT EQUIPMENT RELIABILITY	
ENG I TYPE OF EATHORE DOUBLENS	13361/0161/042
' <u></u>	
FID : ON/OFF CYCLES PER SCRITE	
FILE GROUND TO FLIGHT OPERATING PATIO	17831 0131:039
F12 RELATIVE RELIABILITY OF EQUIP DRIVE FORCE	
FIRE PEMOVALS TO ACCESS STHER EQUIPMENT	
FIA SEVERITY OF FOO	
FIS PRINCIPLE FAILURE CAUSE	<u> </u>
FIS EQUIPMENT PROTECTION METHODOLOGY	
F17 EQUIPMENT PRESSURIZATION LEVEL	
F18 RAIN REMOVAL TECH (MINOSHIELD) F18 MOUNTING POSITION	
FIG MOUNTING POSITION	
F20 POWER RATING (GENERATORS)	
F21 NO OF TIRE PLY'S (TIRES)	
F22 LANDINGS PER TIRE TIRES!	
F23 AVG TIRE COST (TIREL)	
F24 SECURING METHOD TECH	
	
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TABLE B-117 WUC 44A01 - ANII COLLISION LIGHTS

	SCATTERPLOT IDENTIFICATION ARRAY (OPERATIONS VS MRD'S)	MRD'S	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIRS PER ACFT	RO3 EQUIP TOT REMOVALS PER ACET	ROA EQUIP GROUND ABORIS PER ACET	S EQUIP AIR ORIS PER ACET	ROG EQUIP CANNS PER ACFT		
	OPERATIONS PARAMETERS		≅ ⊒	3 7	물로	≅≅	8 S	≅≍		
201	YEARS ACET HAVE BEEN ON BASE				-					
302	AVG MISSION MIX									
203	AVG TAKE-OFF SPEED			i						
004	MEDIAN TAKE-OFF DISTANCE									
205	PERCENT OF MAX TAKE-OFF AT									
206	AVG CLIMB RATE									
207	AVG CRUISE SPEED									
208	AVG CRUISE ALTITUDE									
309	AVG DECENT RATE		287	.017	1043					
310	AVG LANDING SPEED									
011	MINIMUM LANDING DISTANCE			1					1	
312	AYG LANDING AT									1
313_	TOTAL FLYING HOURS PER ACET		230	1020	1046					
214	TRAINING FLYING HOURS BER ACTT									
	OPERATIONS FLYING HOURS PER ACET		290	/014	1045					
215	TOTAL LANDINGS PER ACET									
217	TRAINING LANDINGS PER ACET									
318	I OPERATIONS LANDINGS PER ACET		233	1018	1044			-	<u> </u>	
319	TOTAL SCRIIES PER ACET		993		7					
220	TRAINING SCRIIES PER ACET		4.1.5							
021	DPERATIONS SORTIES PER ACET		391	1021	1047					
022	AVG POSSESSED ACFT									
	MAXIMUM ACFT SPEED									
324	MAXIMUM ACFT CEILING						i			
323	ACFT CREW SIZE									
	AVG SORTIE LENGTH									
727	ACCIDENTS (MAJOR, MINOR) PER ACET									
023	INCIDENTS PER ACET									
	!									(
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	1									

TABLE B-118 WUC 44A01 - ANTI COLLISION LIGHTS SCATTERPLOT IDENTIFICATION ARRAY ROT HAINT ACTION
DEMAND PER ACFT
NOZ EQUIP TOT WHIRE
PER ACFT
ROT EQUIP TOT
REMOVALS PER ACFT
ROTE EQUIP AIR
AUGHLS PER ACFT
ROTE EQUIP AIR
AUGHLS PER ACFT
ROTE EQUIP AIR
AUGHLS PER ACFT
ROTE EQUIP AIR
AUGHLS PER ACFT
ROTE EQUIP CANNS
PER ACFT ¥ (ENVIRONMENT VS MRD'S) ENVIRONMENTAL PARAMETERS BASE ALTITUDE
RUNWAY DIRECTION 1997 0251 1051 505 1027 1052 EDB | DISTANCE TO MOUNTAINS ED4 NO OF SNOW DAYS TOTAL SHOW FAL MEAN SNOW DEPTH NO OF RAIN DAYS EDB : TOTAL RAIN FALL EOS | NO OF HAIL DAYS NO OF THUMBER DAY 40 OF SLEET DAYS E13 | NO OF FOG DAYS E14 | PREDOMINATE AIND DIRECTION E15 | MAX DROSSHINGS LESS THAN 10 MPH E16 | MAX DROSSHINGS 10-13 MPH 1993 1022 18981 MAX CROSSWINDS 20-29 MPH 19961:023110401 MAX CROSSWINGS 30-39 MPH 1994 1024 10501 MAY CHORRALIAND METH LEMB METH LEMB لذود I WEAR WAY TEMP | DAYS MAX TEMP WAS -BOVE BOT TET DAYS MIN TEMP HAS BELOW 32" FF TOTAL DESTRUCTIONS TO VISION AVG DESTRUCTION TYPE AVG DESTRUCTION SEVERITY 1001

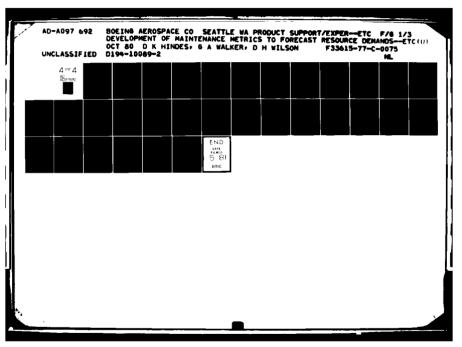


TABLE B-119 WUC 44A01 - ANTI COLLISION LIGHTS SCATTERPLOT IDENTIFICATION ARRAY Į ROZ EQUIP TOT HMIR PER ACFT RO3 EQUIP TOT REMOVALS PER ACFT RO4 EQUIP GROUND ARONIS PER ACET ROS EQUIP AIR ABONIS PER ACFT ROI MAINT ACTION DEMAND PER ACFT (MAINTENANCE VS MRD'S) MAINTENANCE PARAMETERS MO1 AVG OR RATE 1009 AVG NORM RATE AVG NORS RATE TOTAL MAINT PERSONNEL AUTHORIZED M04 1008 **M05** TOTAL MAINT PERSONNEL ASSIGNED TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED 100/1028 1053 M07 TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED 10001 1029 1054 TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED 1005 1034 1060 TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED 1004 1035 1059 M10 (2MA) CETINOHTUA JAMOGRES TRIAM JATOT TOTAL MAINT PERSONNEL ASSIGNED (AMS)
TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS) 411 TOTAL & LEVEL MAINT PERSONNEL ASSIGNED (AMS) TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS) TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS) 415 TOTAL MAINT MANHOURS EXPENDED PER ACFT AVG TURN AROUND TIME MAINT 1003 1031 1055 M18 ACFT FOD (ALL CAUSES) 419 TOT GEN SUPPORT (01-09) MHRS PER ACET GEN SUPPORT OF WHRE DER ACET 420 GEN SUPPORT OF MHRS PER ACET 1002 1033 1056 GEN SUPPORT 03 MHRS PER ACET M23 M24 GEN SUPPORT 04 MHRS PER ACFT GEN SUPPORT 05 MHRS PER ACFT 1032 10581 GEN SUPPORT OF MHRS PER ACET GEN SUPPORT OF MHRS PER ACET M26 1006 1030 1057 GEN SUPPORT OF MHRS PER ACET

1

TABLE B-120 WUC 44A01 - ANTI COLLISION LIGHTS

GOI YEARS SINCE AIRCRAFT WAS PRODUCED 302 AIRCRAFT EMPTY WEIGHT 303 MAX GROSS WT TAKE-OFF 304 AIRCRAFT WING AREA 305 AIRCRAFT WING AREA 306 TOTAL THEL CAPACITY 307 ANG AIRCRAFT WING LOAD 308 YEARS SINCE ENGINE PRODUCTION 309 ENGINES PER AIRCRAFT 310 AIRCRAFT TOTAL ENGINE WT 311 TOTAL THRUST PER ACET 312 CLIMB RATE 313 GENERATORS PER ACET 314 MAINT MANHRS PER FLT HR 315 YEARS SINCE FIRST FLIGHT		AIRCRAFT GENERAL PARAMETERS	3.03	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MHIR PER ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACFT	ROS EQUIP AIR ABORTS PER ACFT	ROG EQUIP CANNS PER ACFT		
GO3 MAX GROSS WT TAKE-OFF GO4 AIRCRAFT MING AREA GO5 AIRCRAFT ASPECT RATIO GO6 TOTAL FUEL CAPACITY GO7 AVG AIRCRAFT WING LOAD GO8 YEARS SINCE ENGINE PROCUCTION GO9 ENGINES PER AIRCRAFT GO AIRCRAFT TOTAL ENGINE WT G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER AIRCT G14 MAINT MANHRS PER FLT HR G15 YEARS SINCE FIRST FLIGHT											
GO4 AIRCRAFT WING AREA GO5 AIRCRAFT ASPECT RATIO GO6 TOTAL FUEL CAPACITY GO7 AVG AIRCRAFT WING LOAD GO8 YEARS SINCE ENGINE PROCUCTION GO9 ENGINES PER AIRCRAFT GI0 AIRCRAFT TOTAL ENGINE MT GI1 TOTAL THRUST PER ACST GI2 CLIMB RATE GI3 GENERATORS GER ACFT GI4 MAINT MANNES PER FLT "R GI5 YEARS SINCE FIRST FLIGHT											
GOS AIRCRAFT ASPECT RATIO 1070 GO6 TOTAL FUEL CAPACITY 100 GO7 AVG AIRCRAFT WING LOAD 1040 1000											
GO6 TOTAL FUEL CAPACITY 507 AVG AIRCRAFT WING LOAD GO8 YEARS SINCE ENGINE PRODUCTION GO9 ENGINES PER AIRCRAFT GI0 AIRCRAFT TOTAL ENGINE WT GI1 TOTAL THRUST PER ACFT GI2 CLIMB RATE GI3 GENERATORS PER ACFT GI4 MAINT MANHRS PER FLT HR GI5 YEARS SINCE FIRST FLIGHT		AIRCRAFT WING AREA									
GOT AVG AIRCRAFT WING LOAD GOS YEARS SINCE ENGINE PROCUCTION GOS ENGINES DER AIRCRAFT GIO AIRCRAFT TOTAL ENGINE WIT GII TOTAL THRUST DER ACFT GI312 GENERATORS DER ACFT GI4 MAINT MANHRS DER FLT HR GI5 YEARS SINCE FIRST FLIGHT							$oxed{oxed}$		1070		
308 YEARS SINCE ENGINE PRODUCTION 309 ENGINES PER AIRCRAFT G10 AIRCRAFT TOTAL ENGINE MT G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT HR G15 YEARS SINCE FIRST FLIGHT											
309 ENGINES PSE AIRCRAFT G10 AIRCRAFT TOTAL ENGINE WT G11 TOTAL THRUST PSE ACST G12 CLIMB RATE G13 GENERATORS PSE ACST G14 MAINT MANHRS PSE FLT HR G15 YEARS SINCE FIRST FLIGHT	_				1036	1001	!		1069		
G10 AIRCRAFT TOTAL ENGINE WT G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT HR G15 YEARS SINCE FIRST FLIGHT											
G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT HR G15 YEARS SINCE FIRST FLIGHT	309										
G12 CLIMB RATE G13 GENERATORS PER ACET G14 MAINT MANHRS PER FLT HR G15 YEARS SINCE FIRST FLIGHT		AIRCRAFT TOTAL ENGINE WT									
G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT HR G15 YEARS SINCE FIRST FLIGHT		TOTAL THRUST PER ACFT									
G14 MAINT MANHRS PER FLT HR G15 YEARS SINCE FIRST FLIGHT											!
GIE YEARS SINCE FIRST FLIGHT											
		MAINT MANHRS PER FLT HR									{
	G15	YEARS SINCE FIRST FLIGHT								<u> </u>	
											
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TABLE B-121 WUC 44A02 - LANDING/TAXI LIGHTS

	SCATTERPLOT IDENTIFICATION ARRAY					1		1	<u> </u>
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	(EQUIPMENT VS MRD'S)	Z	Ŧ	Ξ.		ļ	1	-	1
		MAINT ACTION AND PER ACFT		RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACFT		CANNS		1
	Š	28	101	2 %	S S	A S	¥		
	¥ eo.s	183	ايا	_ =	2 ~	_≅	٦	1	- 1
	x.	Z a	35	3 S	3	<u> </u>	FQUIP ACF T	1	- 1
		3 3	EQUIP ACFT	3 8	E 50	E	23		
	EQUIPMENT PARAMETERS	ROI MAINT / DEMAND PER	RO2 PER	RO3 EQUIP TOT REMOVALS PER	RO4 EQUIP GROUN	ROS EQUIP AIR Aborts per acft	RO6 PER		
		~ 0	22	~ ~	~ <	N A	æ a.		
301	MAINT ACTION DEMAND PER ACET	<u> </u>			<u> </u>				
₹02	EQUIPMENT TOTAL MMHRS PER ACET	1071			<u> </u>				
R03	ECUIPMENT TOTAL REMOVALS PER ACET	1072	1098						
R04	EQUIPMENT GROUND ABORTS PER ACET	<u> </u>							
205	ECUIPMENT AIR ABORTS PER ACET	<u> </u>			<u> </u>			L	
206	ECUIPMENT CANNS PER ACFT		I		1				
F01	LOCATION OF EQUIPMENT ON ACET				<u> </u>				
F02	PRIM MATERIAL - COMP TECH LEVEL				1				
F03	EQUIPMENT WEIGHT	1075	1100	<u> </u>					
FQ4	EQUIPMENT VOLUME	1074	1079		Ĭ		<u> </u>	!	
F05	OPERATING TEMPERATURE								
=26	SUPPORT EQUIPMENT COMPLEXITY	Ĺ	_		1				
F07	SUPPORT EQUIPMENT RELIABILITY			<u></u>					
F08	TYPE OF FAILURE PROBLEMS	1	1	1124	ĺ				
೯)9 ∣	INFLIGHT SCUAWK VERIFICATION RATE					<u> </u>	Ī		
F10	ON/OFF CYCLES PER SORTIE			<u> </u>	Ī		<u></u>		
F11	GROUND TO FLIGHT OPERATING RATIO								L
F12	RELATIVE RELIABILITY OF EQUIP DRIVE FORCE				T				L
=13	REMOVALS TO ACCESS OTHER EQUIPMENT	1/073			i	1		\Box	
F14	SEVERITY OF FOO		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	└	
F15	PRINCIPLE FAILURE CAUSE	<u> </u>	<u> </u>	<u> </u>	<u>_</u>	<u> </u>	<u>!</u>	<u> </u>	
F16	EQUIPMENT PROTECTION METHODOLOGY			<u> </u>	<u> </u>		<u> </u>		
F17	EQUIPMENT PRESSURIZATION LEVEL	<u> </u>	<u> </u>	<u> </u>	<u> </u>	↓	<u> </u>	↓	<u> </u>
F18	RAIN REMOVAL TECH (WINDSHIELD)	<u> </u>		1	↓	<u> </u>	1	<u> </u>	<u> </u>
F19	MOUNTING POSITION		<u> </u>		<u> </u>	!	1	 	!
FZO	POWER RATING (GENERATORS)	<u> </u>	1		<u> </u>	<u> </u>	-	Ļ	<u> </u>
F21	NO OF TIRE PLY'S (TIRES)	1		1	1	1	<u> </u>	<u> </u>	<u> </u>
F22	LANDINGS PER TIRE (TIRES)	1	1	į .	<u> </u>	!	└	<u> </u>	
F23	AVG TIRE COST (TIRES)		<u> </u>	1	1	1		<u> </u>	<u> </u>
=24	SECURING METHOD TECH			1	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>
			I		Ţ	<u></u>	<u> </u>	<u> </u>	
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TABLE B-122 WUC 44A02 - LANDING/TAXI LIGHTS

SCATTERPLOT IDENTIFICATION ARRAY (OPERATIONS VS MRD'S) OPERATIONS PARAMETERS COL YEARS ACET HAVE BEEN ON BASE	MRO'S	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIRS	RO3 EQUIP TOT REMOVALS	RO4 EQUIP GROUND ABORIS PER ACET	ROS EQUIP AIR ABORTS PER ACFT	ROG EQUIP CANNS PER ACFT		
002 AVG MISSION MIX									
003 AVG TAKE-OFF SPEED							/137		
004 MEDIAN TAKE-OFF DISTANCE									
005 PERCENT OF MAX TAKE-OFF WT									
006 AVG CLIMB RATE		102/	1107						
007 AVG CRUISE SPEED									
COB AVG CRUISE ALTITUDE									
009 AVG DECENT RATE		1080	1104	1126					
310 AVG LANDING SPEED		<u> </u>							
011 MINIMUM LANDING DISTANCE									
012 AVG LANDING WT									-
013 TOTAL FLYING HOURS PER ACET		1073	1/91	<u> </u>	<u> </u>				
014 TRAINING FLYING HOURS PER ACET		<u>!</u>	<u> </u>						
015 OPERATIONS FLYING HOURS PER ACET		/077	11.03						
015 TOTAL LANDINGS PER ACET		 	1100	<u> </u>					
017 TRAINING LANDINGS PER ACFT			<u> </u>	<u> </u>	-				
018 OPERATIONS LANDINGS PER ACET		1074	_	1135			<u> </u>		
019 TOTAL SORTIES PER ACFT			1103						
020 TRAINING SORTIES PER ACET			1105	-	-				
022 AVG POSSESSED ACFT		7077	1103						-
023 MAX IMUM ACFT SPEED		_			-		1138		
1 324 MAXIMUM ACFT CEILING		 			\vdash		1158		\vdash
025 ACFT CREW SIZE			 	<u> </u>			i -		
025 AVG SORTIE LENGTH				 					
027 ACCIDENTS (MAJOR/MINOR) PER ACET									
1 028 INCIDENTS PER ACET						i			
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TABLE B-123 WUC 44A02 - LANDING/TAXI LIGHTS

	SCATTERPLOT IDENTIFICATION ARRAY (ENVIRONMENT VS MRD'S) ENVIRONMENTAL PARAMETERS	HRD'S	RO1 MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MHIR PER ACFT	ROJ EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACFT	ROS EQUIP AIR ABORIS PER ACFT	ROG LIDIP CANNS PER ACFI		
E01	BASE ALTITUDE		<u> </u>		1129					
502	RUNWAY DIRECTION			1112		!				
E03	DISTANCE TO MOUNTAINS									
E04	NO OF SNOW DAYS									
E05	TOTAL SNOW FALL					<u> </u>				
E06	MEAN SNOW DEPTH									
507	NO OF RAIN DAYS	-								
E08	TOTAL RAIN FALL									
E09 E10	NO OF HAIL DAYS RELATIVE HUMIDITY					-				
E11	NO OF THUNDER DAYS									
F13	NO OF SLEET DAYS						 -			
EI4	NO OF FOG DAYS PREDOMINATE WIND DIRECTION									
£15	MAX CROSSWINDS LESS THAN 10 MPH				1131		-	11#0		
_E16	MAX CROSSWINDS 10-19 MPH		1052				ļ			
E17	MAX CROSSWINDS 20-29 MP4				1/25					
£18	MAX CROSSWINDS 30-39 MPH		1083		1/27					
E19	MAX CROSSWINDS 40-49 MPH		/684	1109		-		1139		
E20	MEAN TEMP							1137		
E21	MEAN MIN TEMP				//30		_	1141	-	
E22	MEAN MAX TEMP				_, ,	_				
_E23	DAYS MAX TEMP WAS ABOVE BOD "F"								-	
E24	DAYS MIN TEMP WAS BELOW 32" "F"					_				
£25	TOTAL OBSTRUCTIONS TO VISION									
£26	AVG OBSTRUCTION TYPE									
€27	AVG OBSTRUCTION SEVERITY								İ	
							Ī			
<u></u>										
]							

TABLE B-124 WUC 44A02 - LANDING/TAXI LIGHTS

SCATTERPLOT IDENTIFICATION ARRAY (MAINTENANCE VS MRD'S) SE MAINTENANCE PARAMETERS	KOI MAINT ACTION BEMAND PER ACFT	ROZ EQUIP TOT MMIR PER ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORIS PER ACET	ROS EQUIP AIR ABORTS PER ACFT	ROG EQUIP CANNS PER ACET		
MO1 AVG OR RATE	↓	<u></u>						
MOZ AVG NORM RATE	 -							
MO3 AVG NORS RATE	<u> </u>	!						
MO4 TOTAL MAINT PERSONNEL AUTHORIZED	<u> </u>							
MOS TOTAL MAINT PERSONNEL ASSIGNED							LI	
MO6 TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED		1115	_					
MO7 TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED	1086	1114	1135				<u> </u>	
MOS TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED	1093							
MO9 TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED	1088	HAL						
MIO TOTAL MAINT PERSONNEL AUTHORIZED (AMS)								
MIL TOTAL MAINT PERSONNEL ASSIGNED (AMS)	<u> </u>	<u> </u>						
MIZ TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	I							
MIS TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	<u>L</u> .							
M14 TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS)		<u> </u>	1132					
MIS TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS)								
M16 TOTAL MAINT MANHOURS EXPENDED PER ACFT	1087	1116						
M17 AVG TURN AROUND TIME MAINT	Ī							
MIS ACFT FOD (ALL CAUSES)	T							
MIG TOT GEN SUPPORT (01-09) MHRS PER ACET	1092	1119						
MED GEN SUPPORT OF MHRS PER ACET	1091	1120						
M21 GEN SUPPORT OF MHRS PER ACET	1099	1118						
M22 GEN SUPPORT 03 MHRS PER ACFT	1090	1117				L		
M23 GEN SUPPORT OF MHRS PER ACET								
M24 GEN SUPPORT OF MHRS PER ACFT								
M25 GEN SUPPORT DE MHRS PER ACET	<u> </u>	1122	L					
M26 GEN SUPPORT OF MHRS PER ACET	1094	!	1134	<u> </u>		<u> </u>	 _	
M27 GEN SUPPORT OF MHRS PER ACET	<u> </u>	!						
	<u> </u>							
	<u> </u>			L		L		
		L						
	<u> </u>							
	<u> </u>						L	
	<u> </u>			<u> </u>		<u> </u>		
		<u> </u>						
	1					<u> </u>		

TABLE B-125 WUC 44A02 - LANDING/TAXI LIGHTS

AIRCRAFT GENERAL PARAMETERS AIRCRAFT GENERAL PARAMETERS AIRCRAFT GENERAL PARAMETERS AIRCRAFT GENERAL PARAMETERS AIRCRAFT GENERAL PARAMETERS AIRCRAFT GENERAL PARAMETERS AIRCRAFT GENERAL PARAMETERS	ABONTS PER ACFT RUG EQUIP CANNS PER ACFT
GO2 AIRCRAFT EMPTY WEIGHT	
GO3 MAX GROSS WT TAKE-OFF	
GO4 AIRCRAFT WING AREA	
GOS AIRCRAFT ASPECT RATIO	1173
GO6 TOTAL FUEL CAPACITY	
GO7 AVG AIRCRAFT WING LOAD 1047 136	1142
GOS YEARS SINCE ENGINE PRODUCTION	
GO9 ENGINES PER AIRCRAFT	
GIO AIRCRAFT TOTAL ENGINE WT	
G11 TOTAL THRUST PER ACET 1095	
G12 CLIMB RATE	
G13 GENERATORS PER ACFT 1096/1123	
G14 MAINT MANHRS PER FLT HR	!
G15 YEARS SINCE FIRST FLIGHT	
<u> </u>	
 	
	
	
	
 	-
	

TABLE 8-126 WUC 45A - HYDRAULIC PUMPS

	TABLE 9-126 WUC 45A - HYDRAULIC PUMPS								
	SCATTERPLOT IDENTIFICATION ARRAY			- !	ļ		İ	ļ	l
		1		- 1	- 1		- 1	1	1
	(EQUIPMENT VS MRD'S)	_	Ĩ	<u></u> !	_		j		1
		호교	2	2	돌넚	늗	₹		l
	8	52	10	0 2	물리	₹ Ø	CANNS	- 1	1
	¥.D.S	Z 2	_	7 2	3 =	~ œ	2	- }	}
	X	32	들티	3	==	32	==	- 1	1
		돌	EQUIP TOT ACFT	3 3	35	E0	FQUIP ACF I	- 1	1
		ROI MAINT ACTION DEMAND PER ACFI	RO2 PER	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACFT	ROS EQUIP AIR ABORTS PER ACFT	RO6 PCR		
	EQUIPMENT PARAMETERS	25	2 2	₹ ₹	골론	3 4	₹ =		
301	MAINT ACTION DEMAND PER ACET								
302		1145							
R03	EQUIPMENT TOTAL REMOVALS PER ACET	1144	ידרוו						
R04	EQUIPMENT GROUND ABORTS PER ACFT							<u></u> !	
205	EQUIPMENT AIR ABORTS PER ACFT								
R06	EQUIPMENT CANNS PER ACFT								
						<u> </u>			
F01	LOCATION OF EQUIPMENT ON ACFT								
F02	PRIM MATERIAL - COMP TECH LEVEL		<u></u>				<u> </u>		
F03	EQUIPMENT WEIGHT	1			<u> </u>				
F04	EQUIPMENT VOLUME	1147		1215	1				
F05	OPERATING TEMPERATURE								
F06	SUPPORT EQUIPMENT COMPLEXITY			1	<u> </u>		<u> </u>		
F07	SUPPORT EQUIPMENT RELIABILITY				<u> </u>		<u> </u>		
F08	TYPE OF FAILURE PROBLEMS						<u> </u>		
F09	INFLIGHT SCUAWK VERIFICATION RATE								<u> </u>
F10	ON/OFF CYCLES PER SORTIE			<u> </u>		<u> </u>	<u> </u>	<u></u> _	
F11	GROUND TO FLIGHT OPERATING RATIO	1144	1178	1214			<u> </u>		<u> </u>
F12	RELATIVE RELIABILITY OF EQUIP DRIVE FORCE		Ī		ł	Ī	Ī		
F13	REMOVALS TO ACCESS OTHER EQUIPMENT		<u> </u>						<u> </u>
F14	SEVERITY OF FOO		<u> </u>	<u></u>	<u> </u>	!	↓		<u> </u>
F15	PRINCIPLE FAILURE CAUSE					<u> </u>	<u> </u>		<u> </u>
F16	EQUIPMENT PROTECTION METHODOLOGY		<u> </u>	<u> </u>	┖	<u> </u>	! -	<u> </u>	
F17	EQUIPMENT PRESSURIZATION LEVEL	<u> </u>	<u> </u>	<u> </u>	<u> </u>	 	!	 	ļ
F18	RAIN REMOVAL TECH (WINDSHIELD)	 	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	!	
F19	MOUNTING POSITION		<u> </u>	ļ	₩		 		
F20	POWER RATING (GENERATORS)	<u> </u>	<u> </u>	<u> </u>	Ļ	!	↓	!	
F21	NO OF TIRE PLY'S (TIRES)	1	<u> </u>	<u> </u>	<u> </u>		<u> </u>	ļ	<u>!</u>
F22	LANDINGS PER TIRE (TIRES)	<u> </u>	L	<u> </u>	1-	1	 	 	!
F23	AVG TIRE COST (TIRES)	<u> </u>	!	1	1	<u> </u>	 	<u> </u>	<u> </u>
F24	SECURING METHOD TECH	<u> </u>	1		<u> </u>	<u> </u>		├	! -
		<u> </u>	<u> </u>	!	L	 	 	 	
					!	<u> </u>	<u> </u>	 	├
					<u> </u>		↓	<u> </u>	
1			1	ì	;	1		<u> </u>	<u> </u>

TABLE 8-127 WUC 45A - HYDRAULIC PUMPS

	TABLE 8-12/ WUC 45A - HYUKAULIC	FU	17F 3							
·	SCATTERPLOT IDENTIFICATION ARRAY (OPERATIONS VS MRD'S) OPERATIONS PARAMETERS	HRD'S	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIRS PER ACFI	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORIS PER ACET	ROS EQUIP AIR ABORIS PER ACFI	RUG EQUIP CANNS PER ACIT		
201	YEARS ACET HAVE BEEN ON BASE			1135	1227					
302	AVE MIZZIM MIX	_			/110					
203	AVG TAKE-OFF SPEED		1164		1225				-	
				_						
004	MEDIAN TAKE-OFF DISTANCE		/144	1150	1010					
	PERCENT OF MAX TAKE-OFF AT									
006	AVG CLIMB RATE		1151	1183	1218					
007	AVG_CRUISE_SPEED									
008	AVG CRUISE ALTITUDE	_								
009	AVG DECENT RATE									
010	AVG LANDING SPEED				1234					
011	MINIMUM LANDING DISTANCE									
012	AVG LANDING WT		1152	1184	1111					
213	TOTAL FLYING HOURS PER ACET									
014	TRAINING FLYING HOURS PER ACET				1226					
315	OPERATIONS FLYING HOURS PER ACET	_			- 220					
216	TOTAL LANDINGS PER ACET	$\overline{}$								
017	TRAINING LANDINGS PER ACET	-								
018		-						-		
	OPERATIONS LANDINGS PER ACFT	-								<u> </u>
019	TOTAL SORTIES PER ACFT	_	1150		/223					
020	TRAINING SORTIES PER ACET								<u> </u>	
022	OPERATIONS SORTIES PER ACFT				1214					
-	AVG POSSESSED ACFT	-								
023	MAX IMUM ACFT SPEED	_								
024	MAXIMUM ACFT CEILING									
025	ACFT CREW SIZE	_			1221			_		
J26	AVG SORTIE LENGTH		1148	1151	/2/7					
027	ACCIDENTS (MAJOR/MINOR) PER ACET									
028	INCIDENTS PER ACFT					!				
		\neg								
		-								
-	 	-							_	
 		- 1						_	<u> </u>	
	<u> </u>	<u>'</u>								<u> </u>

TABLE 8-128 WUC 45A - HYDRAULIC PUMPS

	INDEE B-125 HOC 45% - INDIANGETO 1611						7		
	SCATTERPLOT IDENTIFICATION ARRAY (ENVIRONMENT VS MRD'S)	ROI MAINI ACTION DEMAND PER ACFI	EQUIP TOT MMIR ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORIS PER ACFT	ROS EQUIP AIR ABORIS PER ACFI	CANNS		
	Ş	₹~	=	= =	چ و	Y Z	3		
•		<u>E</u> =	===	RO3 EQUIP TOT REMOVALS PER	13 2	ROS EQUIP AIR ABORTS PER ACI	EGUIP ACFT		
	x	≨≩	35	38	S.E	E S	35		
		ᇢ춫	28 PE 28	8	28	8 8	85. P. 86		
	ENVIRONMENTAL PARAMETERS	23	-	2 =	2 4	= <	~ ~		
E01	BASE ALTITUDE			1234	<u> </u>				
502	PUNWAY DIRECTION				<u> </u>	ļ			 -i
E03	DISTANCE TO MOUNTAINS		1195			<u> </u>	!		
E04	NO OF SNOW DAYS	1159		1233	<u> </u>	ļ <u>.</u>			
E05	TOTAL SNOW FALL	1150		1329					
E06	MEAN SNOW DEPTH	1155	1187	1228	<u> </u>				
E07	NO OF RAIN DAYS				<u> </u>	<u> </u>			
803	TOTAL RAIN FALL								
£09	NO OF HAIL DAYS				<u> </u>		<u></u>		
E10	RELATIVE HUMIDITY								
E11	NO OF THUNDER DAYS		1190	1					1 1
E12	NO OF SLEET DAYS	1160	1193	1230			<u> </u>		
£13	NO OF FOG DAYS	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>		
E14	PREDOMINATE WIND DIRECTION		1194	<u> </u>			<u> </u>		
€15	MAX CROSSWINDS LESS THAN 10 MPH	<u> </u>							
E16	MAX CROSSWINDS 10-19 MPH				<u> </u>		<u> </u>		
E17	MAX CROSSWINDS 20-29 MPH				<u> </u>				
E18	MAX CROSSWINDS 30-39 MPH						Ī		
E19 E20	MAX CROSSWINDS 40-49 MPH								
E20 1	MEAN TEMP			1235					
E21	MEAN MIN TEMP	1158	1191	1232	<u> </u>	<u> </u>	<u>!</u>		
E22	MEAN MAX TEMP		<u> </u>	<u> </u>	<u> </u>			<u> </u>	
£23	DAYS MAX TEMP WAS ABOVE 300 "F"	1162	1196	ļ	<u> </u>				
ξ24	DAYS MIN TEMP WAS BELOW 32" "F"	//57	//88	1231	<u> </u>	ļ	<u> </u>		<u> </u>
F25	TOTAL OBSTRUCTIONS TO VISION	ļ		<u> </u>					لحجا
525	AVG OBSTRUCTION TYPE		ļ	Ļ		 			
E27	AVG OBSTRUCTION SEVERITY		<u> </u>	ļ	<u> </u>				
 		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>			
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<u> </u>				<u> </u>	<u> </u>				
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			<u> </u>				<u> </u>		

TARI F R-129	WIIC 45A -	HYCDAIN TO	DUMDS

					_				
	SCATTERPLOT IDENTIFICATION ARRAY (MAINTENANCE VS MRD'S)	IT ACTION ER ACFT	EQUIP TOT MAUR ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	KO4 FQUIP GROUND ABORIS PER ACET	ROS EQUIP AIR ABORIS PER ACFI	P CANNS		
	3		夏馬	三二	2.3	Ξ.,	EQUIF ACFT		ļ
,	-	3 2		7 3	3	= =	2 2		
	MAINTENANCE PARAMETERS	ROI MAINT A DEMAND PER	RO2 PER	RO3	RO4 ABO	ROS. ABOR	ROG EQUIP		
M01	AVG OR RATE								
M02	AVG NORM RATE		1199	1239					
M03	AVG YORS RATE								
404	TOTAL MAINT PERSONNEL AUTHORIZED								
M05	TOTAL MAINT PERSONNEL ASSIGNED								
M06	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED		·						
407	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED								
M08	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED			1238					
409	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED	 							
410	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)								
M11	TOTAL MAINT PERSONNEL ASSIGNED (AMS)								
412	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	i							
413	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS)								
M14	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS)								
415	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS)								
416	TOTAL MAINT MANHOURS EXPENDED PER ACET								
M17	AVG TURN AROUND TIME MAINT	1143	11 98	1236					
M18	ACFT FOD (ALL CAUSES)								
419	TOT GEN SUPPORT (01-09) MHRS PER ACET								
<u> 420</u>	GEN SUPPORT OF MHRS PER ACET								
<u>421</u>	GEN SUPPORT OF MHRS PER ACET								
422	GEN SUPPORT 03 MHRS PER ACFT		$oxed{oxed}$!
<u>423</u>	GEN SUPPORT 04 MHRS PER ACET								
M24	GEN SUPPORT OF MHRS PER 4CFT								
425	GEN SUPPORT OF MHRS PER ACET	-	1201						
425 427	GEN SUPPORT OF MARS PER ACET		1197						
H27	GEN SUPPORT OF MHRS PER ACET	11604	1200	1237					
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	TABLE 8-130 WUC 45A - HYDRAULIC P	JMPS			1 !			:	
	SCATTERPLOT IDENTIFICATION ARRAY		¥	_					
	(AIRCRAFT GENERAL VS MRD'S)	RUI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MAIR PER ACFT	TOT PER ACF	GROUND R ACET	AIR R ACF I	CANNS		
	MAD 'S	1 MAINT MAND PE	2 EQUIP R ACFT	RO3 LQUIP TOT REMOVALS PER ACF	RO4 EQUIP GROUND ABORTS PER ACET	ROS EQUIP AIR ABORTS PER ACFT	ROD LOUIP CANNS PER ACFT		
	AIRCRAFT GENERAL PARAMETERS	32	오픈	중포	2 5	≥ 8	3.7		
GO1		1174	1208	1245	1				
GC2		1175							
G03		1171	1209	1247					
304	AIRCRAFT WING AREA	1176	1/2/3						
G05	AIRCRAFT ASPECT RATIO								
G06	TOTAL FUEL CAPACITY			1241					
G07	AVG AIRCRAFT WING LOAD	1169	1205	3					
G08	YEARS SINCE ENGINE PRODUCTION	1146	1202	1240					i
309	ENGINES PER AIRCRAFT	1173	1212	1244					
310	AIRCRAFT TOTAL ENGINE WT	1/170	1206	1246					
311	TOTAL THRUST PER ACET		1211						
312	CLIMB RATE		1	1					
313	GENERATORS PER ACET								
314	MAINT MANHRS PER FLT HR	1167	12-3	1243					!
315	YEARS SINCE FIRST FLIGHT	1172	1204	1242					
							i		
				l					
		1		}					
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TABLE 8-131 WUC 46A - FUEL TANKS

	TABLE 8-131 WUC 46A - FUEL TANKS								
	SCATTERPLOT IDENTIFICATION ARRAY (EQUIPMENT VS MRD'S)		~						
	(EQUIPMENT 13 MRD 3)	₹,	Ī	15	오뉴	_	S		
	ν	135	5	E X	200	¥2.	NN		.
	¥.0.\$	2 2	=	7 =	<u>ت</u> و	X X	S		
	ž	32	35	32	U.	<u> </u>	5=		. 1
		3 5	25	<u>≘</u>	ETS	EQ.	35		
	EQUIPMENT PARAMETERS	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIR PER ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACFT	ROS EQUIP AIR ABORIS PER ACFI	ROG EQUIP CANNS PER ACFI		
R01	MAINT ACTION DEMAND PER ACET	-		<u> </u>	1	-	1		
-₹02	EQUIPMENT TOTAL MMHRS PER ACET	1250							
₹03	EQUIPMENT TOTAL REMOVALS PER ACFT		1						
304	EQUIPMENT GROUND ABORTS PER ACET			1					
₹05	EQUIPMENT AIR ABORTS PER ACFT		1	Ī .					
₹06	EQUIPMENT CANNS PER ACET								
							1		
F01	LOCATION OF EQUIPMENT ON ACET		Ì						
F02	PRIM MATERIAL - COMP TECH LEVEL		Ī .						
F03	EQUIPMENT WEIGHT								
F04	ECUIPMENT VOLUME			/297	1		1		
F05	OPERATING TEMPERATURE				Ĺ	Ī			
F06	SUPPORT EQUIPMENT COMPLEXITY		Ī						
	SUPPORT EQUIPMENT RELIABILITY	İ	1						
F08	TYPE OF FAILURE PROBLEMS				1		1		
=09	INFLIGHT SQUAWK VERIFICATION RATE			<u> </u>	!	1	<u> </u>		
=10	ON/OFF CYCLES PER SORTIE		<u> </u>						
F11	GROUND TO FLIGHT OPERATING RATIO								
F12	RELATIVE RELIABILITY OF EQUIP DRIVE FORCE						<u> </u>		
F13	REMOVALS TO ACCESS OTHER EQUIPMENT				<u> </u>		<u> </u>		
F14	SEVERITY OF FOO	ļ	<u> </u>	<u>!</u>	<u> </u>	ļ	<u> </u>		
F15	PRINCIPLE FAILURE CAUSE	<u> </u>	 	<u> </u>	!	<u> </u>	<u> </u>		
F16	EQUIPMENT PROTECTION METHODOLOGY	1251	<u> </u>	<u> </u>	<u> </u>	<u> </u>	 		
F17	ECUIPMENT PRESSURIZATION LEVEL	 	-	 	!		 	-	
=10	RAIN REMOVAL TECH (WINDSHIELD)		├		!				
F20	MOUNTING POSITION	 		+	 	 	 	_	
=21	POWER RATING (GENERATORS) NO OF TIRE PLY'S (TIRES)	-	! 	1		-	├		├─┤
F22	LANDINGS PER TIPE (TIRES)	1	 	 		1	┼──		┼─┤
=23	AVS TIRE COST (TIRES)	 	 	i -	† -	i –	\vdash	 	
=24	SECURING METHOD TECH	-	 	+		<u>:</u>	 	 	
 	36000 ANG 360 20A	├		 -	†	 	\vdash	 	
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			ī	 		1	 	_	
		 	 		i	1	 	 	
									

SCATTERPLOT IDENTIFICATION ARRAY WEB TO THE ACT TO MAINS AND THE ACT TO THE	ROG EQUIP CANNS PER ACFT
OPERATIONS PARAMETERS	2
COL YEARS ACFT HAVE BEEN ON BASE	
PP41 XIM NOISEIM DVA SOC	
203 AVG TAKE-DEF SPEED /275 /3-3	
004 MEDIAN TAKE-OFF DISTANCE 1298	
005 PERCENT OF MAX TAKE-OFF MT	
306 AVG CLIMB RATE 1/277	
007 AVG CRUISE SPEED 13-51	
008 AVG CRUISE ALTITUDE /257	1 1
309 AVG DECENT RATE /253	
DIO AVG LANDING SPEED	
O11 MINIMUM LANDING DISTANCE 1307	
012 AVG LANDING AT 1279 1302	
213 TOTAL FLYING HOURS PER ACFT 1250	1 1 1
014 TRAINING FLYING HOURS PER ACET	
015 OPERATIONS FLYING HOURS PER ACET (284)	
216 TOTAL LANDINGS PER ACET	
017 TRAINING LANDINGS PER ACFT	
DIS OPERATIONS LANDINGS PER ACET (25%)	
019 TOTAL SORTIES PER ACET 1/278	
020 TRAINING SORTIES PER ACET	
021 OPERATIONS SORTIES PER ACFT /255	
022 AVG POSSESSED ACFT	
023 MAXIMUM ACFT SPEED	
024 MAXIMUM ACFT CEILING	
025 ACFT CREW SIZE /301	
D25 AVG SCRTIE LENGTH /276/13.0	
027 ACCIDENTS (MAJOR/MINOR) PER ACET	
028 INCIDENTS PER ACET	
<u></u>	

TABLE B-133 WUC 46A - FUEL TANKS SCATTERPLOT IDENTIFICATION ARRAY RO1 MAINT ACTION
DEMAND PER ACFT
RO2 EQUIP TOT WHIR
PER ACFT
RO3 EQUIP TOT
REMOVALS PER ACFT
RO4 EQUIP GROUND
ABUNTS PER ACFT
RO5 EQUIP AIR
ABONTS PER ACFT
RO6 EQUIP AIR
ABONTS PER ACFT
RO6 EQUIP AIR
ABONTS PER ACFT
RO7 EQUIP AIR
ABONTS PER ACFT
RO7 EQUIP AIR
ABONTS PER ACFT (ENVIRONMENT VS MRD'S) ENVIRONMENTAL PARAMETERS BASE ALTITUDE RUNWAY DIRECTION DISTANCE TO MOUNTAINS NO OF SNOW DAYS 1284 /313 TOTAL SHOW FALL 1230113141 1282 1312 E06 MEAN SNOW DEPTH YO OF RAIN DAYS TOTAL RAIN FALL E08 MO OF HAIL DAYS RELATIVE HUMIDITY NO OF THUNDER DAYS 1259 1289 1310 NO OF SLEET DAYS PREDOMINATE WIND DIRECTION E15 MAX CROSSWINDS LESS THAN 10 MPH 1307 I MAX CROSSWINGS 10-19 MPH MAX CROSSWINDS 20-29 MPH 1261 MAX CROSSWINDS 30-39 MPH 1200 E19 MAX CROSSWINDS 40-49 MPH E20 MEAN TEMP 1264 / 1285 MEAN MIN TEMP MEAN MAX TEMP DAYS MAX TEMP WAS ABOVE 300 "F" 1262 /287 E24 | DAYS MIN TEMP WAS BELOW 32" "F" TOTAL OBSTRUCTIONS TO VISION AVG OBSTRUCTION TYPE
AVG CBSTRUCTION SEVERITY

TABLE 8-134 WUC 46A - FUEL TANKS SCATTERPLOT IDENTIFICATION ARRAY 至 ROZ EQUIP TOT MMIR PER ACFT RO3 EQUIP TOT REMOVALS PER ACFT RO4 EQUIP GROUND
ABORIS PER ACET
RO5 EQUIP AIR
ABORIS PER ACET ROI HAINT ACTION DEMAND PER ACFT FQUIP CANNS ACFI (MAINTENANCE VS MRD'S) MAINTENANCE PARAMETERS AVG OR RATE AVG NORM RATE 1318 AVG NORS RATE TOTAL MAINT PERSONNEL AUTHORIZED **MO4** TOTAL MAINT PERSONNEL ASSIGNED 405 TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED 406 TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED 407 **M08** TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED 1269 TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED 409 1270 M10 TOTAL MAINT PERSONNEL AUTHORIZED (AMS) TOTAL MAINT PERSONNEL ASSIGNED (AMS) 411 TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS) TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS) M13 TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS) 414 TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS) 415 TOTAL MAINT MANHOURS EXPENDED PER ACET 415 1267 M17 AVG TURN AROUND TIME MAINT 1293 1317 418 ACFT FOD (ALL CAUSES) TOT GEN SUPPORT (01-09) MHRS PER ACET 419 420 GEN SUPPORT OF MHRS PER ACET GEN SUPPORT OF MARS PER ACET GEN SUPPORT OF MARS PER ACET M22 GEN SUPPORT 04 MHRS PER ACET GEN SUPPORT 05 MHRS PER ACET 423 424 127111392 425 GEN SUPPORT OF MHRS PER ACET 1268 1291 GEN SUPPORT OF MARS PER ACET GEN SUPPORT OF MHRS PER ACET

TABLE B-135 WUC 46A - FUEL TANKS

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	SCATTERPLOT IDENTIFICATION ARRAY		æ			j			1
	(ACRES AGUERA, MA MARIE)	₹_	3	Į.	ل وا		أما	1	
	(AIRCRAFT GENERAL VS MRD'S)	<u>≃</u>	-	1	RO4 EQUIP GROUN ABORIS PER ACET	æ 🗔	Ž		i
	vs.	2	2	10 ER	3 ₹	~	S		
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		# 3	₩ ₹	J Q	3 2	ROS EQUIP AIR ABORIS PER ACF	- X		
	AIRCRAFT GENERAL PARAMETERS	ROI HAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MUIR	RO3 EQUIP 10T REMOVALS PER ACFT	RO4 EQUIP GROUND ABORIS PER ACFI	ROS EQUIP AIR ABORIS PER ACT	RUG EQUIP CANNS		!
301	YEARS SINCE AIRCRAFT WAS PRODUCED		_						
302	AIRCRAFT EMPTY WEIGHT			1324					
G03	MAX GROSS AT TAKE-OFF			1325					
304	AIRCRAFT WING AREA			1326					
305	AIRCRAFT ASPECT RATIO								
G06	TOTAL FUEL CAPACITY			1322					
GC7	AVG AIRCRAFT WING LOAD	1273	1294						
308	YEARS SINCE ENGINE PRODUCTION		1395	1327	1				
309	ENGINES PER AIRCRAFT			/330					
310	AIRCRAFT TOTAL ENGINE WI	i		1321					
511	TOTAL THRUST PER ACFT	1274		1323					
312	CLIMB RATE						i		
313	GENERATORS PER ACET								
314	MAINT MANHRS PER FLT HR		11296	1319	\				
315	YEARS SINCE FIRST FLIGHT			133		ĺ			
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TABLE B-136 WUC 47A01 - OXYGEN REGULATOR

	SCATTERPLOT IDENTIFICATION ARRAY (EQUIPMENT VS MRD'S) SET OF THE PARAMETERS	HOL MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MURK PER ACET	RO3 EQUIP TOT REMOVALS PER ACET	RO4 EQUIP GROUND ABORTS PER ACET	RUS LOUIP AIR ABORTS PER ACFT	RUG LQUIP CANUS FLR ACFI		
₹01 !	MAINT ACTION DEMAND PER ACET			Ī	1				
302	EQUIPMENT TOTAL MINES PER ACET		Ĭ.						
₹03		1329		i	1				
₹04	EQUIPMENT GROUND ABORTS PER ACET		Ī	ł			į		
305	EQUIPMENT AIR ABORTS PER ACET		Ī		!				
306	EQUIPMENT CANNS PER ACFT	1330	ī						
		i	<u> </u>		1			1	
F01	LOCATION OF EQUIPMENT ON ACET		-	Ī		1	1		
F02	PRIM MATERIAL - COMP TECH LEVEL					1	ı		
-03	EQUIPMENT WEIGHT	1331			1		1		
F:04	EQUIPMENT /OLUME	i	1	1 - 365	1				
= 75				1	i				
F76 J	SUPPORT ECUIPMENT COMPLEXITY					1	,		
F27 1	SUPPORT EQUIPMENT RELIABILITY	_	i	1			i i		
F08	TYPE OF SAILUPE DOUBLEMS	i	 	ī -		 -			
	INFLIGHT SCUAWK VERIFICATION RATE	-		1.30			-		
= 10	ON/OFF CYCLES PER SORTIE		1	<u> </u>	_		1		
F:1	GROUND TO FLIGHT OPERATING RATIO		1 1146	1:363			-		
=:2	RELATIVE RELIABILITY OF EQUIP DRIVE FORCE		1 2 0	76-	 		i		
F:3			-	┼		-	 		
= 14	SEVERITY OF FOO			-		-	1		
F:5	PRINCIPLE FAILURE CAUSE	 	i	ī			i		
=:6		_		_			ì		
	EQUIPMENT PRESSURITATION LEVEL	 		-		-	1		
=18	RAIN REMOVAL TECH (WINDSHIELD)			i	Γ.	i			
	MOUNTING POSITION	 	i	i -	\vdash	; 	1		$\overline{}$
F 20	POWER RATING (GENERATORS)		1			i	ī		
F2:	NO OF TIRE PLANS (TIRES)	\vdash	†	i	\vdash	i	<u> </u>		!
F22	LANDINGS PER TIRE (TIRES)				1		1	-	·
F23	AVG TIRE COST (TIRES)		i -	i -		Ī	† · · · ·		1
= 7.4	SECURING METHOD TECH	 		 -		; 	1		-
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TABLE B-137 WUC 47A01 - OXYGEN REGULATOR

	SCATTERPLOT IDENTIFICATION ARRAY (OPERATIONS VS MRD'S) CPERATIONS PARAMETERS	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MAIRS PER ACFT	HOS EQUIP TOT REMOVALS PER ACET	RO4 EQUIP GROUND ABORIS PER ACEI	ROS EQUIP AIR ABORTS PER ACFT	RUG EQUIP CANNS PER ACFT		
201	FARS ACET HAVE BEEN ON BASE								
302	AVG MISSION MIX								
003	AVG TAKE-OFF SPEED	1333		1370					
004	MEDIAN TAKE-OFF DISTANCE								
305	PERCENT OF MAX TAKE-OFF WT	<u> </u>							
306	AVG CLIMB RATE		1351	1369					
007	AVG CRUISE SPEED			1368					
308	AVG CRUISE ALTITUDE		1351						
209	AVG DECENT RATE								
310	AVG LANDING SPEED			137/					
311	MINIMUM LANDING DISTANCE		1353				ī		
012	AVG LANDING AT								
213	TOTAL FLYING HOURS PER ACET								
214	TRAINING FLYING HOURS PER ACET						Ĭ		
315	OPERATIONS FLYING HOURS PER ACET								
215	TOTAL LANDINGS PER ACET								
317	TRAINING LANDINGS PER ACET								
018	OPERATIONS LANDINGS PER ACET						Ī		
319	TOTAL SORTIES PER ACET						Ī		
329	TRAINING SCRIIES PER ACET								
321	OPERATIONS SORTIES PER ACET								
1 322	AVG POSSESSED 4CFT		<u> </u>						
023	MAXIMUM ACFT SPEED	1332	1349				<u> </u>		$oldsymbol{\square}$
	MAXIMUM ACET CEILING	<u> </u>	1348	1367	<u> </u>		ļ	<u> </u>	
225	ACET CREW SIZE		<u> </u>				<u> </u>		
225	AVG SCRTIE LENGTH		—	<u> </u>	 	<u> </u>	 		
327	ACCIDENTS (MAJOR/MINOR) PER ACET		!		1	!	1	ļ	
228	INCIDENTS PER ACFT	<u> </u>	 		<u> </u>	<u> </u>	ļ		
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TABLE B-138 WUC 47A01 - OXYGEN REGULATOR

SCATTERPLOT IDENTIFICATION ARRAY (ENVIRONMENT VS MRD'S) ENVIRONMENTAL PARAMETERS ENVIRONMENTA
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E10 RELATIVE HUMIDITY E11 NO OF THUNDER DAYS E12 NO OF SLEET DAYS E13 NO OF FOG CAYS E14 PREDOMINATE WIND DIRECTION E15 MAX CROSSWINDS LESS THAN 10 MPH E16 MAX CROSSWINDS 10-19 MPH E17 MAX CROSSWINDS 20-29 MPH E18 MAX CROSSWINDS 30-39 MPH E18 MAX CROSSWINDS 30-39 MPH E19 MAX CROSSWINDS 10-19 MPH E19 MAX CROSSWINDS 10-19 MPH E19 MAX CROSSWINDS 10-19 MPH E20 MEAN TEMP E21 MEAN MIN TEMP E22 MEAN MIN TEMP E23 DAYS MAX TEMP HAS ABOVE 30 "F" E24 DAYS MIN TEMP HAS BELOW 32 "F" E25 TOTAL OBSTRUCTIONS TO VISION E27 AVG OBSTRUCTION SEVERITY E27 AVG OBSTRUCTION SEVERITY E28 13551 373
E10 RELATIVE MUMIDITY E11 NO OF THUNDER DAYS E12 NO OF SLEET DAYS F13 NO OF FOG CAYS E14 PREDOMINATE WIND DIRECTION 1236 E15 MAX CROSSWINDS LESS THAN 10 MPH E16 MAX CROSSWINDS 10-19 MPH E17 MAX CROSSWINDS 20-29 MPH E18 MAX CROSSWINDS 30-39 MPH E19 MAX CROSSWINDS 30-39 MPH E19 MAX CROSSWINDS 10-19 MPH E19 MAX CROSSWINDS 10-19 MPH E20 MEAN TEMP E21 MEAN MIN TEMP E22 MEAN MIN TEMP E23 DAYS MAX TEMP HAS ABOVE 80 "F" E24 DAYS MIN TEMP HAS BELOW 32 "F" E25 TOTAL OBSTRUCTIONS TO VISION 1347 137 2 E27 AVG OBSTRUCTION SEVERITY E27 AVG OBSTRUCTION SEVERITY E27 AVG OBSTRUCTION SEVERITY E28 1354 1373
##############################
##################################
1354 PREDOMINATE WIND DIRECTION 1336 #### 1354 PREDOMINATE WIND DIRECTION 1336 #### 1354 PREDOMINATE WIND DIRECTION 1336 #### 1354 PREDOMINATE WIND DIRECTION 1336 #### 1354 PREDOMINOS 10-19 MPH #### 1354 PRE
E14 PREDCMINATE WIND DIRECTION 1336 E15 MAX CROSSWINDS LESS THAN 10 MPH E15 MAX CROSSWINDS 10-19 MPH E17 MAX CROSSWINDS 20-29 MPH E18 MAX CROSSWINDS 30-39 MPH E19 MAX CROSSWINDS 40-49 MPH E20 MEAN TEMP E21 MEAN MIN TEMP E22 MEAN MIN TEMP E23 DAYS MAX TEMP MAS ABOVE 80 TEM E24 DAYS MIN TEMP MAS BELOW 32 TEM E25 TOTAL OBSTRUCTIONS TO VISION E27 AVG OBSTRUCTION SEVERITY E27 AVG OBSTRUCTION SEVERITY E28 1354 1373 E27 AVG OBSTRUCTION SEVERITY E355 1373
##############################
##################################
##############################
E18 MAX CROSSWINDS 30-39 MPH 1334 1375 1381 1375 1381 1375 1381 1375 1381 1375 1381 1375 1381 1375 1381 1375 1381 1375 1381 1375 1381 1375 1381
##
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24 DAYS MIN TEMP WAS BELOW 32 "F" 1339 1359 1373 1359 1359 1373 1359 1373 1359 1373 1359 1373 1359 1373 1359 1373 1359 1373 1359 1373 1359 1373
##############################
E25 AVG OBSTRUCTION TYPE 1359 /378 E27 AVG OBSTRUCTION SEVERITY /3551373
E27 AVG OBSTRUCTION SEVERITY (355)

TABLE B-139 WUC 47A01 - OXYGEN REGULATOR

	SCATTERPLOT IDENTIFICATION ARRAY (MAINTENANCE VS MRD'S) MAINTENANCE PARAMETERS	ROI MAINT ACTION	DEMAND PER ACFT	ROZ EQUIP TOT MAIR PER ACFT	REMOVALS PER ACFT	RO4 EQUIP GROUND ARCHIS PER ACET	KUS EQUIP AIR ABORTS PER ACFT	ROG EQUIP CANNS PER ACET		
401	AVG OR RATE	I	[
402	AVG NORM RATE		_							
403	AVG NORS RATE	↓	_ ļ	1360	1379			$ldsymbol{\sqcup}$		
404	TOTAL MAINT PERSONNEL AUTHORIZED									
4 05	TOTAL MAINT PERSONNEL ASSIGNED	1	_							
406	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED									
407	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED	1								
408	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED				<u> </u>					
409	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED									
410	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)	⊥_	_		1					
WII	TOTAL MAINT PERSONNEL ASSIGNED (AMS)	<u> </u>			<u></u>					
412	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	_	_		<u></u>					
413	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	Ц_			<u> </u>					
414	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS)				!					
415	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	Щ_	!		<u> </u>					
<u> 4:5</u>	TOTAL MAINT MANHOURS EXPENDED PER ACET	↓_			<u> </u>					
417	AVG TURN AROUND TIME MAINT	<u> </u>	_		<u> </u>			<u> </u>		
413	ACFT FOD (ALL CAUSES)	↓								
<u> </u>	TOT GEN SUPPORT (01-09) MHRS PER ACET	↓_			<u> </u>	<u> </u>		 		
427	GEN SUPPORT 11 MARS PER ACET	+			 		├	 		
421	GEN SUPPORT OF MARS PER ACET	┿			 	 	 			
422	GEN SUPPORT 03 MHRS PER ACET	+	-		 	!		 	L	\vdash \dashv
W23	GEN SUPPORT 04 MHRS PER ACET GEN SUPPORT 05 MHRS PER ACET	+	_		├──	 	 			├
425		1-1-	اء٠	 -	 	 		1387		
¥25	GEN SUPPORT DE MHRS PER ACET	1.3.	- 1					1338		
427	GEN SUPPORT DE MINS PER ACET	1	ېدن		 	 	-	1 333		
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TABLE B-140 WUC 47A01 - OXYGEN REGULATOR

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	SCATTERPLOT IDENTIFICATION ARRAY (AIRCRAFT GENERAL VS MRD'S)	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MHIR PER ACFT	RO3 LOUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACFT	ROS EQUIP AIR ABORIS PER ACFI	HOG LOUIP CANNS PER ACFT		
	AIRCRAFT GENERAL PARAMETERS	RO1 M	ROZ E	RO3 E	RO4 E	ROS E	KOG L		
301	YEARS SINCE AIRCRAFT WAS PRODUCED	├	-						
G02	AIRCRAFT EMPTY WEIGHT		 					_	
303	MAX GROSS WT TAKE-OFF	 	 						
G04	AIRCRAFT WING AREA		 						
305	AIRCRAFT ASPECT RATIO	1745	1363	/250			1390		
306	TOTAL FUEL CAPACITY	,,,,,,	7.70	1380	\vdash		<u> </u>		
G07	AVG AIRCRAFT WING LOAD	1344					1389		
508	YEARS SINCE ENGINE PRODUCTION	1					134,		
309	ENGINES PER AIRCRAFT	 		_					
310	AIRCRAFT TOTAL ENGINE WT								
311	TOTAL THRUST PER ACFT								
312	CLIMB RATE	 	126-1	1381				-	
G13	GENERATORS PER ACET	 	1999	1	 		 		_
314	MAINT MANHRS PER FLT HR							-	
315	YEARS SINCE FIRST FLIGHT						_		_
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TABLE B-141 WUC 47A02 - LOX CONVERTER

	EQUIPMENT PARAMETERS	S.03	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIR PER ACFT	REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACTT	KOS EQUIP AIR ABORTS PER ACFT	ROG EQUIP CARNS PER ACFT		
201	MAINT ACTION DEMAND PER ACET	1								
302	EQUIPMENT TOTAL MMHRS PER ACET		1372							
R03	EQUIPMENT TOTAL REMOVALS PER ACET	4	1391	1428				1		
R04	ECUIPMENT GROUND ABORTS PER ACET	1								
₹05	EQUIPMENT AIR ABORTS PER ACET	_ļ								
205	EQUIPMENT CANNS PER ACET						<u> </u>			
		4								
F01	LOCATION OF EQUIPMENT ON ACET	1						1488		
FG2	PRIM MATERIAL - COMP TECH LEVEL	_								
F03	EQUIPMENT WEIGHT	_			<u> </u>			1489		
F04	EQUIPMENT VOLUME		1394	1429	1471					
F05	OPERATING TEMPERATURE	1								
FC6	SUPPORT EQUIPMENT COMPLEXITY	_1								
F07	SUPPORT EQUIPMENT RELIABILITY	-								
508	TYPE OF FAILURE PROBLEMS		1393	1430	1470					
=79	THE TOP AND TEXT TO THE TAIL	4		1431				<u> </u>		
F10	ON/OFF CYCLES PER SORTIE	_1								
F:1	GROUND TO FLIGHT OPERATING RATIO				Ĺ					
F12	RELATIVE RELIABILITY OF EQUIP DRIVE FORCE	\perp								
F13	REMOVALS TO ACCESS OTHER EQUIPMENT	_1								
F:4	SEVERITY OF FOO	4								
F15	PRINCIPLE FAILURE CAUSE	4	!							i
F16	EQUIPMENT PROTECTION METHODOLOGY	4	!							
F18	EQUIPMENT PRESSURIZATION LEVEL	+	1395					1470		!
F19	(CJETHRONIK) HOET JAVOMER NIAF	+			<u> </u>					
F20	MOUNTING POSITION	-+								
F21 1	POWER RATING (GENERATORS) NO OF TIRE PLY'S (TIRES)	+								
F22	LANDINGS PER TIRE (TIRES)	+				<u> </u>				
=23	AVG TIRE COST (TIRES)	+				ļ				
F24	SECURING METHOD TECH	+					!			
1 24	SECONTING METHOD FECH	+						!	1	
 		+							 +	
 		+							 }	
 	-	4								;

TABLE B-142 WUC 47A02 - LOX CONVERTER

	SCATTERPLOT IDENTIFICATION ARRAY		RS	EQUIP TOT REMOVALS ACFT					-
	out the fact that the second of the second	Z	臺	! ₹					. 1
	(OPERATIONS VS MRD'S)	ROI MAINT ACTION	EQUIP TOT MMIRS ACFT	T0T R	RO4 EQUIP GROUND ABORTS PER ACET	ROS EQUIP AIR ABORIS PER ACFI	CANNS		
	ν	= 5	_ ـ	ع.	2 3	ع ج			
	#RD'S	1		35	32	三、	EQUIP ACFT		
	r	IZZ		₩₹	= =	₩ ₹			
	OPERATIONS PARAMETERS	25	FE 22	R03 PER	S S	R05	RO6 PER		
201	YEARS ACFT HAVE BEEN ON BASE		1						
502	AVG MISSION MIX	 							
203	AVG TAKE-OFF SPEED	1401	1.034	1472					
004	MEDIAN TAKE-OFF DISTANCE	1400	4						i
305	PERCENT OF MAX TAKE-OFF WT	<u> </u>	<u> </u>						
206	AVG CLIMB RATE	1407							
307	AVG CRUISE SPEED	ļ	1437		!				
308	AVG CRUISE ALTITUDE	<u>L</u> _	<u> </u>				1491		
009	AVG DECENT RATE	<u> </u>							
210	AVG LANDING SPEED	<u> </u>	1						
011	MINIMUM LANDING DISTANCE	ļ	<u> </u>						
012	AVG LANDING WT	1397	1433						
013	TOTAL FLYING HOURS PER ACET			1					
214	TRAINING FLYING HOURS PER ACET	<u> </u>							
015	OPERATIONS FLYING HOURS PER ACET								
216	TOTAL LANDINGS PER ACET	<u>L</u>		<u> </u>			ľ		
317	TRAINING LANDINGS PER ACFT	<u> </u>							
018	OPERATIONS LANDINGS PER ACFT			<u></u>					
019	TOTAL SORTIES PER ACFT								
220	TRAINING SORTIES PER ACET		<u> </u>						
021	OPERATIONS SORTIES PER ACET	<u> </u>	 						
022	AVG POSSESSED ACFT		<u> </u>						
023	MAXIMUM ACFT SPEED	ļ	ļ						
024	MAXIMUM ACFT CEILING	 	-						
025	ACFT CREW SIZE		1436						
J25	AVG SORTIE LENGTH		1432						
227	ACCIDENTS (MAJOR/MINOR) PER ACET	/398	1435	1473	ļ!				
023	INCIDENTS PER ACFT	 	╀—	<u> </u>	. !			<u> </u>	
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TABLE B-143 WUC 47A02 - LOX CONVERTER

	SCATTERPLOT IDENTIFICATION ARRAY (ENVIRONMENT VS MRD'S) ENVIRONMENTAL PARAMETERS	RO1 MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIR PER ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACFT		RUG EQUIP CANNS PER ACFI	
E01	BASE ALTITUDE				 	-	14 44	
E03	RUNWAY DIRECTION	 -			-			
E04	O OF SNOW DAYS	111.7	64.45		 	<u> </u>	-	
£05		1407		1479			-	
EC6	TOTAL SNOW FALL HTGGC WONZ NASM			1476	_			-
E07	NO OF RAIN DAYS	1403	7447	1478			 	
E08	TOTAL RAIN FALL	-			-		1493	
E08	NO OF HAIL DAYS	<u> </u>		 	 		/ 3	
£10	RELATIVE HUMIDITY		1449			ļ		
E11	NO OF THUNDER DAYS	-	1445		<u> </u>	-	-	
£12	10 OF SLEET DAYS	1406	1447				-	
£13	NO OF FOG DAYS	7.150	1337		 		1	
E14	PREDMINATE WIND DIRECTION					<u> </u>	1	
£15	MAX CROSSWINDS LESS THAN 10 MPH					-		
£15	MAX CROSSWINDS 10-19 MPH							
E17	MAX CROSSWINDS 20-29 MPH							
£18	MAX CROSSWINDS 30-39 MPH			i				
E19	MAX CROSSMINDS TO-TO AbA						1492	
£20	MEAN TEMP	1409	1438	1450				
E21	MEAN MIN TEMP		بهبدار				1795	
522	MEAN MAX TEMP							
E23	DAYS MAX TEMP WAS ABOVE BOD "F"			1481				
524	DAYS MIN TEMP WAS BELOW 32" "E"	1405	144.3	1477				
E25	TOTAL OBSTRUCTIONS TO VISION		1446					
=25	AVG OBSTRUCTION TYPE							
E27	AVG OBSTRUCTION SEVERITY		1448	<u> </u>	<u></u>			
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TABLE B-144 WUC 47A02 - LOX CONVERTER

·	SCATTERPLOT IDENTIFICATION ARRAY (MAINTENANCE VS MRD'S) MAINTENANCE PARAMETERS	ROT MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIR PER ACFI	RO3 EQUIP TOT REMUYALS PER ACFT	RO4 EQUIP GROUND ABORIS, PER ACEL	ROS EQUIP AIR ABORIS PER ACFI	ROD FOILP CANNS PER ACEI		
401	AVG OR RATE	1	1						-
402	AVG NORM RATE	14.2	.i -						
403	AVG NORS RATE	1	Ī						
404	TOTAL MAINT PERSONNEL AUTHORIZED	 	-						\neg
		 	 					 ;	
405			1						
4C6	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED	ļ	!						—— <u> </u>
<u> 407 </u>	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED	 	1						
408	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED	ļ	<u> </u>	<u> </u>					
409	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED	<u> </u>	 						
410 1	TOTAL MAINT PERSONNEL AUTHORIZED (AMS)	<u> </u>	<u> </u>						
411	TOTAL MAINT PERSONNEL ASSIGNED (AMS)	1	1						
412	TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS)		!						
413	TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	<u> </u>	1						
AIT	TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS)	T_	į –	Ī				1	1
415	TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS)		1						
416	TOTAL MAINT MANHOURS EXPENDED PER ACET	1	1145	1			1		i T
417	AVG TURN ARCUND TIME MAINT	1410	11450	1482					
M18	ACFT FOD (ALL CAUSES)	1	1	ī —	1	i			 1
V110	TOT GEN SUPPORT (01-09) MHRS PER ACET	1416	11455	1					
W20	GEN SUPPORT OF MARS SER ACET		1454			_			_
421	GEN SUPPORT DE MARS PER ACET	1		i			Ī		
422	GEN SUPPORT OF MARS PER ACET		1				7 94		
423	GEN SUPPORT C4 MHRS PER ACET	1	\neg						
424	GEN SUPPORT 35 MHRS PER ACET	 	† 	1484			1496		
425	GEN SUPPORT OF MHRS PER ACET	1414	1454		 		!		\neg
¥26	GEN SUPPORT OF MHRS PER ACET		1451		i		-		
W27	GEN SUPPORT OF MHRS PER ACET		1452						
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TABLE B-145 WUC 47A02 - LOX CONVERTER

		1						1	1
SCATTERPLOT IDENTIFICATION ARRAY			~					i	i
		2	Ē	1	_			1	-
(AIRCRAFT GENERAL VS MRD'S)		유드	Ξ.	ا کو		1	£	-	1
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	Ĩ	2	3	25	3 ~	= -	풀드	1	
		ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MAUR PER ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACTI	ROS EQUIP AIR ABORIS PER ACFI	ROG EQUIP CANNS PER ACFI		
		二番	22	2 3	73	S 5	골≃		
AIRCRAFT GENERAL PARAMETERS		23	2 =	2 X	≥ ∞	ž ¥	ž =		
GO1 YEARS SINCE AIRCRAFT WAS PRODUCED		1426							
302 AIRCRAFT EMPTY WEIGHT		1423							
GO3 MAX GROSS WT TAKE-OFF		1422	1464						
304 AIRCRAFT WING AREA		إموب	1468					1	
305 AIRCRAFT ASPECT RATIO							1499	- 1	
GO6 TOTAL FUEL CAPACITY		1430	1465						
GOT AVG AIRCRAFT WING LOAD		1427	1461	1480			1498	-	
GOB YEARS SINCE ENGINE PRODUCTION				1487					
309 ENGINES PER AIRCRAFT		1417					_		
GIO ALPCRAFT TOTAL ENGINE AT		1418							
G11 : TOTAL THRUST PER ACET		1467					1		
312 CLIMB RATE		7,07	7 (3	_	i				
313 SENERATORS PER ACET	_	1466	فريدر		i				
314 MAINT MANHES PER FLT -R		1419	A45.7	1425					
315 FARS SINCE FIRST FLIGHT	_	1425		-				-	
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TABLE 8-146 WUC 49A - ENGINE FIRE DETECTION

SCATTERPLOT IDENTIFICATION ARRAY (EQUIPMENT VS MRD'S) SQUIPMENT PARAMETERS	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIR PER ACFT	ROJ EQUIP 10T REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACFT	ROS EQUIP AIR ABORTS PER ACFT	ROG EQUIP CANNS PLR ACFT		
ROI MAINT ACTION DEMAND PER ACET				1				
	1501							
RO3 EQUIPMENT TOTAL REMOVALS PER ACFT	1500	1519			ĺ	<u> </u>		
RO4 EQUIPMENT GROUND ABORTS PER ACFT				i -		Ī		
ROS EQUIPMENT AIR ABORTS PER ACET								
ROS EQUIPMENT CANNS PER ACET				1		1		
FOI LOCATION OF EQUIPMENT ON ACET				1				
FO2 PRIM MATERIAL - COMP TECH LEVEL			Ī	Ī		Ĭ		
FO3 EQUIPMENT WEIGHT	1504					i		
FO4 EQUIPMENT VOLUME	1502		1529	T	Ī			
FOS ! OPERATING TEMPERATURE								
FO6 SUPPORT EQUIPMENT COMPLEXITY		1 250	1					
FO7 SUPPORT EQUIPMENT RELIABILITY					Ī	İ.		
FOR TYPE OF FAILURE PROBLEMS	1503		1	1		Ī		
FO9 INFLIGHT SQUAWK VERIFICATION RATE					<u> </u>	1		
F10 ON/OFF CYCLES PER SORTIE						T		
F11 GROUND TO FLIGHT OPERATING RATIO						1)	
F12 RELATIVE RELIABILITY OF EQUIP DRIVE FORCE						Ī	ī	
F13 REMOVALS TO ACCESS OTHER EQUIPMENT								
F14 SEVERITY OF FOO							1	
F15 PRINCIPLE FAILURE CAUSE						1		
F16 EQUIPMENT PROTECTION METHOCOLOGY			1	}				آـــــا
F17 EQUIPMENT PRESSURIZATION LEVEL								
F18 RAIN REMOVAL TECH (WINDSHIELD)							<u> </u>	
FIG MOUNTING POSITION				1		<u>i </u>		
F20 POWER RATING (GENERATORS)			<u> </u>	<u> </u>	1	<u> </u>	<u> </u>	<u>i </u>
F21 NO OF TIRE PLY'S (TIRES)				1	1	<u> </u>	<u> </u>	
F22 LANDINGS PER TIRE (TIRES)					;]
F23 AVG TIRE COST (TIRES)						<u>L</u>		1!
F24 SECURING METHOD TECH			Ī	ì				
							1	
				1			<u> </u>	<u> </u>
						L		
			i		i	1	<u> </u>	

TABLE 8-147 MUC 49A - ENGINE FIRE DETECTION

	TABLE 8-147 NUC 49A - ENGINE FIRE	DETEC	TIUN						
	SCATTERPLOT IDENTIFICATION ARRAY (OPERATIONS VS MRD'S) SERVICE OPERATIONS PARAMETERS	ROI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIRS PER ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORIS PER ACET	ROS EQUIP AIR ABORTS PER ACFT	ROG EQUIP CANNS PER ACFT		
201	YEARS ACET HAVE BEEN ON BASE		1						
302	AVG MISSION MIX	_							7
203	AVG TAKE-OFF SPEED		1	1541					
004			1,323	134.					 i
005	MEDIAN TAKE-OFF DISTANCE		 				 		
	PERCENT OF MAX TAKE-OFF WT		├					 	
205	AVG CLIMB RATE	<u> </u>	├						
307	AVG CRUISE SPEED	 	1524			<u> </u>		!	
800	AVG CRUISE ALTITUDE	<u> </u>	 					<u> </u>	
009	AVG DECENT RATE		ļ		<u> </u>				
210	AVG LANDING SPEED		⊥					<u> </u>	
011	MINIMUM LANDING DISTANCE		1						
012	AVG LANDING WT							<u> </u>	
213	TOTAL FLYING HOURS PER ACET		1	<u> </u>	ł				<u> </u>
014	TRAINING FLYING HOURS PER ACET		<u> </u>					<u> </u>	
015	OPERATIONS FLYING HOURS PER ACFT								
316	TOTAL LANDINGS PER ACET	1	L						1
017	TRAINING LANDINGS PER ACET						1		1
218	OPERATIONS LANDINGS PER ACET		1						
019	TOTAL SORTIES PER ACET		T						
020	TRAINING SORTIES PER ACET	i	1						
021	OPERATIONS SORTIES PER ACFT		1						
022	AVG POSSESSED ACFT						1		
023	MAXIMUM ACFT SPEED		1521	1340			<u> </u>		
024	MAXIMUM ACFT CEILING		1522						
025	ACFT CREW SIZE							Ī	i
026	AVG SORTIE LENGTH		Ī				i		
327	ACCIDENTS (MAJOR/MINOR) PER ACET		T			T			
028	INCIDENTS PER ACET	$\overline{}$	1	 	Ι	1			
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	TABLE B-148 WUC 49A - ENGINE FIRE D	ETECT	ION					 -	
	SCATTERPLOT IDENTIFICATION ARRAY		æ	_					
	(ENVIRONMENT VS MRD'S)	HOI MAINT ACTION DEMAND PER ACFT	ROZ EQUIP TOT MMIR PER ACFT	RO3 EQUIP TOT REMOVALS PER ACFT	RO4 EQUIP GROUND ABORTS PER ACET	_=	SE .		[]
		ACI	101	10T	55 ×	ROS EQUIP AIR ABORTS PER ACFT	EQUIP CANNS ACFT		
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	X	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	EQUT!	X E	35	물	35		
		5₹	05 ER	33	23	88	R08		
	ENVIRONMENTAL PARAMETERS	23	2 2	~~	~ <	* 4	~~		
E01	BASE ALTITUDE			1546					
E02	RUNWAY DIRECTION						!	-	
E03	DISTANCE TO MOUNTAINS	-	!		 				
E04	NO OF SNOW DAYS	 	1529		 		-		
£05	TOTAL SNOW FALL	/50 9	1530				 		
E06	MEAN SNOW DEPTH		-		, 	<u> </u>		-	
E07	10 OF RAIN DAYS	-			-		<u> </u>	-	
E08 E09	TOTAL RAIN FALL NO OF HAIL DAYS	├	 		├		_	-	
\$10	RELATIVE HUMIDITY	├	-						
£11	NO OF THUNDER DAYS	├	 				-	-	
£11		 -			!		-	_	├─┤
£13	NO OF FOG DAYS	 	; -		-		-	-	
£14	PREDOMINATE WIND DIRECTION	197	1526	(61)		-		-	\vdash
£15	MAX CROSSWINDS LESS THAN 10 MPH	7.2.1	1 /346	17373	-		 		\vdash
£16	MAX CROSSWINDS 10-19 MPH	15.8	 		-				
£17	MAX CROSSWINDS 20-29 MPH	1505		1545		_		_	
£18	MAX CROSSWINDS 30-39 MPH	/3-3	 	1373	 		<u>:</u>	 	
£19	MAX CROSSWINDS 40-49 MPH	/513	1535	·	⊢	├			\vdash
E20	MEAN TEMP		/531		\vdash	├──	; 		
£21	MEAN MIN TEMP		1528		\vdash		ī		
£22	MEAN MAX TEMP			<u> </u>					
£23	DAYS MAX TEMP WAS ABOVE SO" "F"		1533						
E24	DAYS MIN TEMP WAS BELOW 32" "F"	1510	1532	1547					
£25	TOTAL OBSTRUCTIONS TO VISION								oxdot
£25	AVG OBSTRUCTION TYPE		/537						
£27	AVG OBSTRUCTION SEVERITY		<u> </u>			1			<u> </u>
			<u> </u>		<u> </u>			<u> </u>	
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TABLE B-149 WUC 49A - ENGINE FIRE DETECTION ROZ EQUIP TOT MNIR PER ACFT ROJ EQUIP TOT RLMOVALS PER ACFT SCATTERPLOT IDENTIFICATION ARRAY ROA EQUIP GROUND ARDELS PER ACET ROS EQUIP AIR ABDRIS PER ACET ROI MAINT ACTION DEMAND PER ACFT (MAINTENANCE VS MRD'S) MAINTENANCE PARAMETERS 401 AVG OR RATE 402 AVG YORM RATE 403 AVG NORS RATE M04 TOTAL MAINT PERSONNEL AUTHORIZED 405 TOTAL MAINT PERSONNEL ASSIGNED 406 TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED 1515 407 TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED 1917 M08 TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED 409 TOTAL MAINT PERSONNEL AUTHORIZED (AMS) 410 MII TOTAL MAINT PERSONNEL ASSIGNED (AMS) 412 TOTAL 3 LEVEL MAINT PERSONNEL ASSIGNED (AMS) TOTAL 5 LEVEL MAINT PERSONNEL ASSIGNED (AMS) ! 413 TOTAL 7 LEVEL MAINT PERSONNEL ASSIGNED (AMS) **M14** 415 TOTAL 9 LEVEL MAINT PERSONNEL ASSIGNED (AMS) 415 TOTAL MAINT MANHOURS EXPENDED PER ACET M17 AVE TURN AROUND TIME MAINT 418 ACFT FOD (ALL CAUSES) 419 TOT GEN SUPPORT (01-09) MHRS PER ACET GEN SUPPORT OF MARS DER ACE 420 M21 GEN SUPPORT OF MHRS PER ACET 422 GEN SUPPORT 03 MHRS PER ACET GEN SUPPORT C4 MHRS PER ACET GEN SUPPORT OS MHRS PER ACET 423 1513 1514 15481 425 GEN SUPPORT OF MHRS PER ACET 1514 1235 1549 GEN SUPPORT OF MIRS PER ACET I GEN SUPPORT OF MHRS PER ACET

SCATTERPLOT IDENTIFICATION ARRAY (AIRCRAFT GENERAL VS MRD'S) AIRCRAFT GENERAL PARAMETERS AIRCRAFT GENERAL PARAMETERS GO1 YEARS SINCE AIRCRAFT WAS PRODUCED GO2 AIRCRAFT WING AREA GO3 MAX GROSS WT TAKE OFF GO4 AIRCRAFT WING AREA GO5 AIRCRAFT WING AREA GO5 AIRCRAFT MING AREA GO6 TOTAL FUEL CAPACITY GO7 AVG AIRCRAFT MING CAD GC8 YEARS SINCE ENGINE PRODUCTION GO9 ENGINES PER AIRCRAFT G11 OTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT HR G15 YEARS SINCE FIRST FLIGHT	
GO1 YEARS SINCE AIRCRAFT MAS PRODUCED GO2 AIRCRAFT EMPTY WEIGHT GO3 MAX GROSS WT TAKE-OFF GO4 AIRCRAFT WING AREA GO5 AIRCRAFT WING AREA GO6 TOTAL FUEL CAPACITY GO7 AVG AIRCRAFT WING LCAD GO8 YEARS SINCE ENGINE PRODUCTION GO9 ENGINES PER AIRCRAFT G10 AIRCRAFT TOTAL ENGINE WIT G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT WR	
GO1 YEARS SINCE AIRCRAFT MAS PRODUCED GO2 AIRCRAFT EMPTY WEIGHT GO3 MAX GROSS WT TAKE-OFF GO4 AIRCRAFT WING AREA GO5 AIRCRAFT WING AREA GO6 TOTAL FUEL CAPACITY GO7 AVG AIRCRAFT WING LCAD GO8 YEARS SINCE ENGINE PRODUCTION GO9 ENGINES PER AIRCRAFT G10 AIRCRAFT TOTAL ENGINE WIT G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT WR	
GO1 YEARS SINCE AIRCRAFT MAS PRODUCED GO2 AIRCRAFT EMPTY WEIGHT GO3 MAX GROSS WT TAKE-OFF GO4 AIRCRAFT WING AREA GO5 AIRCRAFT WING AREA GO6 TOTAL FUEL CAPACITY GO7 AVG AIRCRAFT WING LCAD GO8 YEARS SINCE ENGINE PRODUCTION GO9 ENGINES PER AIRCRAFT G10 AIRCRAFT TOTAL ENGINE WIT G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT WR	
GO2 AIRCRAFT EMPTY WEIGHT GO3 MAX GROSS WT TAKE-OFF GO4 AIRCRAFT WING AREA GO5 AIRCRAFT ASPECT RATIO GO6 TOTAL FUEL CAPACITY GO7 AVG AIRCRAFT WING LOAD GO8 YEARS SINCE ENGINE PRODUCTION GO9 ENGINES PER AIRCRAFT G10 AIRCRAFT TOTAL ENGINE WIT G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT HR	
GO3 MAX GROSS WT TAKE-OFF GO4 AIRCRAFT WING AREA GO5 AIRCRAFT ASPECT RATIO GO6 TOTAL FUEL CAPACITY GO7 AVG AIRCRAFT WING LOAD GO8 YEARS SINCE ENGINE PRODUCTION GO9 ENGINES PER AIRCRAFT G10 AIRCRAFT TOTAL ENGINE WT G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT MR	
GO4 AIRCRAFT WING AREA GO5 AIRCRAFT ASPECT RATIO (STE 155) GO6 TOTAL FUEL CAPACITY 307 AVG AIRCRAFT WING LOAD (STE 154) (ST	
GOS AIRCRAFT ASPECT RATIO (518 /55) GO6 TOTAL FUEL CAPACITY 307 AVG AIRCRAFT WING LOAD (518 /537 /550) GO8 YEARS SINCE ENGINE PRODUCTION (50) GO9 ENGINES PER AIRCRAFT TOTAL ENGINE WIT (51) G10 AIRCRAFT TOTAL ENGINE WIT (51) G11 TOTAL THRUST PER ACFT (51) G12 CLIMB RATE (51) G13 GENERATORS PER ACFT (51) G14 MAINT MANHRS PER FLT WR	
GOG TOTAL FUEL CAPACITY 307 AVG AIRCRAFT WING LOAD GOB YEARS SINCE ENGINE PRODUCTION 309 ENGINES PER AIRCRAFT G10 AIRCRAFT TOTAL ENGINE WIT G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT HR	
307 AVG AIRCRAFT WING LOAD G08 YEARS SINCE ENGINE PRODUCTION G09 ENGINES PER AIRCRAFT G10 AIRCRAFT TOTAL ENGINE WIT G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT HR	
GOB YEARS SINCE ENGINE PRODUCTION 309 ENGINES PER ALBCRAFT G10 AIRCRAFT TOTAL ENGINE WT G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT HR	
GOS ENGINES SER ALRCRAFT GIO ALRCRAFT TOTAL ENGINE WT GII TOTAL THRUST SER ACFT GIZ CLIMB RATE GI3 GENERATORS SER ACFT GI4 MAINT MANHRS SER FLT MR	
G10 AIRCRAFT TOTAL ENGINE AT G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT HR	
G11 TOTAL THRUST PER ACFT G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT HR	
G12 CLIMB RATE G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT HR	
G13 GENERATORS PER ACFT G14 MAINT MANHRS PER FLT HR	
G14 MAINT MANHRS PER FLT MR	
315 YEARS SINCE FIRST PETAIT	
 	
 	

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